
ABOVE GROUND STORAGE

Label :

Definition Storage in tank, half buried or earth covered tankage.

Super Class :

GAS PRESSURISED STORAGE
LIQUID ATMOSPHERIC STORAGE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

PRESSURIZED CONTAINMENT	PRODUCT STORAGE
TANK STORAGE	PRODUCT STORAGE
LIQUID PRESSURE INCREASE	PRODUCT STORAGE
CLOSED TRANSPORT	PRODUCT STORAGE
OBSTRUCTION BY SOLID	PRODUCT STORAGE
PRESSURIZED CONTAINMENT	GAS PRESSURISED STORAGE
TANK STORAGE	GAS PRESSURISED STORAGE
PRESSURIZED CONTAINMENT	LIQUID ATMOSPHERIC STORAGE
CONTAINER STORAGE	LIQUID ATMOSPHERIC STORAGE
TANK STORAGE	LIQUID ATMOSPHERIC STORAGE

Normal Connection :

<none>

Normal Characteristic :

<none>

ABSORPTION

Label :

Definition A function based on the principle of the taking in or assimilation of a gas by a liquid; soaking up of a substance by another.

Super Class :

PHYSICAL SEPARATION

Sub Class :

PERCOLATION

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE	FLUID SEPARATION
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

ACCUMULATOR

Label :

Definition A function dampening (accumulates) pulsation in a closed system.

Super Class :	
FLUID TOFROM FLUID POWER CONVERTER	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
DENSITY AT T AND P	FLUID TOFROM FLUID POWER CONVERTER
ENERGY	FLUID TOFROM FLUID POWER CONVERTER
FORCE	FLUID TOFROM FLUID POWER CONVERTER
FORCE AREA	FLUID TOFROM FLUID POWER CONVERTER
IMPACT ENERGY	ACCUMULATOR
OPERATIONAL RATED DUTY	FLUID TOFROM FLUID POWER CONVERTER
POWER	FLUID TOFROM FLUID POWER CONVERTER

ACID CORROSION

Label :

Definition The function of corrosion to a material or a product made by a material because of low ph in the fluid which is in contact with the material

Super Class :	
DEGRADATION BY CORROSION	
Sub Class :	
NAPHTHENIC ACID CORROSION	
NON NAPHTHENIC ACID CORROSION	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
CORROSION RATE	DEGRADATION BY CORROSION

ADSORPTION

Label :

Definition A function based on the principle of the attraction exhibited by the surface of a solid for a liquid or a gas when they are in contact.

Super Class :		
PHYSICAL SEPARATION		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE		FLUID SEPARATION
PRESSURE		FLUID TRANSFORM
TEMPERATURE		FLUID TRANSFORM

AIR COOLING

Label :

Definition Air cooling systems are used when the need for cooling are low, or the installation of a liquid cooling medium is too complicated.

Super Class :		
COOLING SYSTEM		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
DYNAMIC PRESSURE INCREASE		AIR COOLING
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE		COOLING SYSTEM
HEAT FLUX		COOLING SYSTEM
HEAT TRANSFER COEFFICIENT		COOLING SYSTEM
OPERATIONAL RATED DUTY		COOLING SYSTEM
PRESSURE		COOLING SYSTEM
TEMPERATURE		COOLING SYSTEM

AMINE STRESS CORROSION CRACKING

Label :

Definition	Type of stress corrosion
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Super Class :
STRESS DEGRADATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

AMMONIA INFIX SYSTEM

Label :

Definition Mainly used for controlling the ph-value for feed water into boilers.

Super Class :
CHEMICAL INJECTION SYSTEM

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :

FLUID MERGE	CHEMICAL INJECTION SYSTEM
-------------	---------------------------

Normal Connection :
<none>

Normal Characteristic :

FLOW RATE	CHEMICAL INJECTION SYSTEM
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

ANODIC PROTECTOR

Label :

Definition A facility protection material from corrosion.
Made of a offering material relative to the material to protect.

Super Class :
ARCHITECTURE STRUCTURAL FACILITY

Sub Class :
<none>

<none>

<none>

<none>

<none>

Label :

Definition Includes service for loading, storage, pumping and distribution of anti foam.

OTHER CHEMICAL INJECTION

<none>

<none>

STORAGE FACILITY
DISTRIBUTION FACILITY
FLUID MERGE

ANTIFOAM INFIX SYSTEM
ANTIFOAM INFIX SYSTEM
CHEMICAL INJECTION SYSTEM

<none>

FLOW RATE
 MAXIMUM DESIGN PRESSURE
 MAXIMUM DESIGN TEMPERATURE
 MAXIMUM FLOW
 MAXIMUM OPERATING PRESSURE
 MAXIMUM OPERATING TEMPERATURE

CHEMICAL INJECTION SYSTEM
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION

Label :

Definition Facility to protect man and equipment against environmental forces and obtain living and working conditions

STRUCTURAL FACILITY

WALL
FLOOR
CEILING
ROOF
DOOR
WINDOW
STAIRCASE
SERVICE PLATFORM

LADDER
WALKWAY
UPENDING PLATFORM
ANODIC PROTECTOR
CLADDING

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

AREA CLASSIFICATION

Label :

Definition Classification of areas regarding the explosion risk.

Super Class :
TOPSIDE ZONE

Sub Class :
SAFE AREA
HAZARDOUS AREA

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

ATMOSPHERIC STORAGE

Label :

Definition Storage of all substances behaving like fluids under atmospheric pressure.

Super Class :
FLUID STORAGE

Sub Class :
CONTAINER STORAGE
TANK STORAGE

Normally Part Of :
MIXED FUEL SYSTEM
SOLID FUEL SYSTEM

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
PRESSURE	ATMOSPHERIC STORAGE
VOLUME	FLUID STORAGE

ATMOSPHERIC VENTING

Label :

Definition A facility for letting excess gas from the process to the atmosphere.

Super Class :	
FLARE VENT AND BLOWDOWN	
Sub Class :	
VENT LINES FACILITY	
Normally Part Of :	
<none>	
Normal Part :	
CLOSED TRANSPORT	FLARE VENT AND BLOWDOWN
OBSTRUCTION BY SOLID	FLARE VENT AND BLOWDOWN
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	FLARE VENT AND BLOWDOWN
PRESSURE	FLARE VENT AND BLOWDOWN
TEMPERATURE	FLARE VENT AND BLOWDOWN

BACTERIAL CORROSION

Label :

Definition Type of corrosion

Super Class :	
DEGRADATION BY CORROSION	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
CORROSION RATE	DEGRADATION BY CORROSION

BALLAST WATER SYSTEM

Label :

Definition Facility for the service of pumping, storage and piping systems of ballast water.

Super Class :

WASTE DISPOSAL SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

TANK STORAGE	WASTE DISPOSAL SYSTEM
LIQUID PRESSURE INCREASE	WASTE DISPOSAL SYSTEM
GRAVITY SEPARATION	WASTE DISPOSAL SYSTEM
CLOSED TRANSPORT	WASTE DISPOSAL SYSTEM
OBSTRUCTION BY SOLID	WASTE DISPOSAL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE	WASTE DISPOSAL SYSTEM
-----------	-----------------------

BATCH TRANSPORT

Label :

Definition A facility allowing periodic transport of gas, liquid or solid.

Super Class :

PRODUCT TRANSPORT

Sub Class :

MULTIPHASE TRANSPORT
GAS TRANSPORT
LIQUID TRANSPORT
SOLID TRANSPORT

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

NOZZLE FACILITY	PRODUCT TRANSPORT
-----------------	-------------------

Normal Characteristic :

FLOW RATE	PRODUCT TRANSPORT
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BEARING

Label :

Definition A facility to reduce friction and take up forces in a connection

Super Class :

SUBSTRUCTURE CONNECTING FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

BICARBONATE STRESS CORROSION CRACKING

Label :

Definition Type of stress corrosion

Super Class :

STRESS DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

BILGE SUBSYSTEM

Label :

Definition Includes services for treatment and storage of bilge water.

Super Class :

OILY WATER TREATMENT

Sub Class :

<none>

Normally Part Of :		
<none>		
Normal Part :		
TANK STORAGE	WASTE DISPOSAL SYSTEM	
LIQUID PRESSURE INCREASE	WASTE DISPOSAL SYSTEM	
GRAVITY SEPARATION	WASTE DISPOSAL SYSTEM	
CLOSED TRANSPORT	WASTE DISPOSAL SYSTEM	
OBSTRUCTION BY SOLID	WASTE DISPOSAL SYSTEM	
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE	WASTE DISPOSAL SYSTEM	

BIOCID INFIX SYSTEM

Label :	
Definition	Facility for service of loading, storage, pumping and distribution of biocide.

Super Class :		
OTHER CHEMICAL INJECTION		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
STORAGE FACILITY	BIOCID INFIX SYSTEM	
DISTRIBUTION FACILITY	BIOCID INFIX SYSTEM	
FLUID MERGE	CHEMICAL INJECTION SYSTEM	
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE	CHEMICAL INJECTION SYSTEM	
MAXIMUM DESIGN PRESSURE	OTHER CHEMICAL INJECTION	
MAXIMUM DESIGN TEMPERATURE	OTHER CHEMICAL INJECTION	
MAXIMUM FLOW	OTHER CHEMICAL INJECTION	
MAXIMUM OPERATING PRESSURE	OTHER CHEMICAL INJECTION	
MAXIMUM OPERATING TEMPERATURE	OTHER CHEMICAL INJECTION	

BLENDING SYSTEM

Label :	
Definition	System which provides blending of products prior to final dispatch.

Super Class :	
TRANSPORTATION AND PACKING	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	

FLUID MERGE	BLENDING SYSTEM
Normal Connection : <none>	
Normal Characteristic : <none>	

BLIND

Label :

Definition A facility to blind off the process stream often in the purpose to secure a piece of pipe.

Super Class : OBSTRUCTION BY SOLID	
Sub Class : <none>	
Normally Part Of : <none>	
Normal Part : <none>	
Normal Connection : <none>	
Normal Characteristic :	
COMPRESSION RATIO	FLUID OBSTRUCTION
COMPRESSION RATIO	OBSTRUCTION BY SOLID
DENSITY SOLID	OBSTRUCTION BY SOLID
DESIGN PRESSURE	FLUID OBSTRUCTION
DESIGN TEMPERATURE	FLUID OBSTRUCTION
FLOW RATE MASS BASIS	FLUID OBSTRUCTION
FLOW RATE MOLE BASIS	FLUID OBSTRUCTION
FLOW RATE VOLUME BASIS	FLUID OBSTRUCTION
MAXIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MAXIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MAXIMUM DIFFERENTIAL PRESSURE	FLUID OBSTRUCTION
MAXIMUM FLOW	FLUID OBSTRUCTION
MINIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MINIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MOLECULAR WEIGHT	FLUID OBSTRUCTION
OPERATING PRESSURE	FLUID OBSTRUCTION
OPERATING TEMPERATURE	FLUID OBSTRUCTION
OUTLET PRESSURE	FLUID OBSTRUCTION
PRESSURE	OBSTRUCTION BY SOLID
PRESSURE DROP GRADIENT	FLUID OBSTRUCTION
PRESSURE DROP GRADIENT	OBSTRUCTION BY SOLID
TEMPERATURE	OBSTRUCTION BY SOLID
TEMPERATURE DROP	FLUID OBSTRUCTION
TEMPERATURE DROP	OBSTRUCTION BY SOLID
VELOCITY	FLUID OBSTRUCTION

BLISTERING

Label :

Definition Type of stress corrosion

Super Class :

STRESS DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

BOTTLE LEG

Label :

Definition A facility serving as the lower part of a leg,
having a larger cross-section at the bottom than at the top.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

BOTTOM DECK

Label :

Definition The deck below lower chord in a open truss deck support frame.

Super Class :

DECK

Sub Class :

<none>

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

BOTTOM GIRDER

Label :

Definition Girder used for bottom support

Super Class :
GIRDER
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

BOTTOM STIFFENER

Label :

Definition Construction item intended to increase stiffness in a construction with bottom plate.

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

BOUANCY TANK

Label :

Definition Facility used to give extra bouancy to equipment or structure floating on sea.
Often temporary installed.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

BRACE

Label :

Definition A facility stiffnening in a framework structure by connecting two nodes. A brace is normally possitioned with an a ngle to the main axes of the structure.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

BRACKET PLATE

Label :

Definition A plate used to connect rigidly two or more structural parts.
As deck beam to frame, or bulkhead stiffener to deck or tank top (usually triangular in shape)

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

BRIDGE

Label :

Definition A facility spanning from one position in space to an other giving communication across an odstacle

Super Class :
DECK ANCILLIARIES
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

BRIDGE LANDING

Label :

Definition A facility support a bridge

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

BRITTLE FRACTURE

Label :

Definition Type of brittle degradation of a material

Super Class :
EMBRITTLEMENT DEGRADATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

BULK LOADING

Label :

Definition A facility for loading of dry and wet substances to a plant or an installation. Cover all facilities that are designed to dispatch bulks.

Super Class :
PRODUCT LOADING

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
FLOW RATE	PRODUCT LOADING
PRESSURE	PRODUCT LOADING
TEMPERATURE	PRODUCT LOADING

PRODUCT LOADING

PRODUCT LOADING

PRODUCT LOADING

BULK PACKING SYSTEM

Label :

Definition A facility which "wraps" the products with some kind of transport security material.

Super Class :
TRANSPORTATION AND PACKING

Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

BULKHEAD

Label :

Definition A vertical partition wall for increasing the strenght of the structure or subdividing a structure into compartments and rooms.
b. are distinguished by: use, location, material, fabriaction etc: longitudinal, transverse, watertight, oiltight , gastight, strenght, wire mesh, pilaster etc.

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

BURNING

Label :

Definition The principle of releasing thermal energy by mixing a combustible substance and air and ignite the mixture by a flame.

Super Class :
POWER OPERATION
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

CAISSON

Label :

Definition A facility used to protect tubes/pipes etc. inside the caisson against environmental exposure.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CAISSON SUPPORT

Label :

Definition A facility supporting the caisson connecting it to the structure.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CANTILEVER

Label :

Definition A support beam or bracket fixed at one end

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

CARBURIZATION DEGRADATION

Label :

Definition Degradation of a material by carburization.

Super Class :
DEGRADATION FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

CASTED NODE

Label :

Definition A facility serving the function of connection structural members and thereby joining structural forces.
The facility is made by casting.

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

CATALYTIC CRACKING

Label :

Definition Function including breaking down the larger, heavier and more complex HC molecules into simpler, lighter and more valuable components. Cracking is accomplished by the application of heat, pressure and a catalytic agent.

Super Class : CRACKER		
Sub Class : <none>		
Normally Part Of : <none>		
Normal Part : <none>		
Normal Connection : <none>		
Normal Characteristic :		
FLOW RATE		FLUID SEPARATION
MAXIMUM FLOW		MOLECULAR DEMOLITION
PRESSURE		FLUID TRANSFORM
TEMPERATURE		FLUID TRANSFORM

CATALYTIC DEWAXING

Label :

Definition A function used for making a substance (often oil) poorer on wax components by the use of a catalytic agent.

Super Class : DEWAXING		
Sub Class : <none>		
Normally Part Of : <none>		
Normal Part : <none>		
Normal Connection : <none>		
Normal Characteristic :		
FLOW RATE		FLUID SEPARATION
PRESSURE		FLUID TRANSFORM
TEMPERATURE		FLUID TRANSFORM

CAUSTIC EMBRITTLEMENT

Label :

Definition Type of brittle degradation of a material

Super Class :

EMBRITTLEMENT DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CAVITATION

Label :

Definition Type of mechanical degradation of a material made by mechanic wear and tear

Super Class :

MECHANICAL DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CCTV AND SECURITY SYSTEM

Label :

Definition A facility describing closed circuit TV systems for plant security as well as other security installations.

Super Class :

COMMUNICATION SYSTEM

Sub Class :

<none>

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

CEILING

Label :

Definition The inner roof of a room

Super Class :
ARCHITECTURE STRUCTURAL FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

CELLAR DECK

Label :

Definition The deck on top of lower chord in an open truss deck support frame.

Super Class :
DECK
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

CENTRIFUGE

Label :

Definition A facility for leading two mixed fluids with different density into a rotating device. The change in density between the fluids gives a separation.

Super Class :
GRAVITY SEPARATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
ANGULAR VELOCITY	CENTRIFUGE
DENSITY GAS	GRAVITY SEPARATION
DENSITY LIQUID	GRAVITY SEPARATION
DENSITY SOLID	GRAVITY SEPARATION
FLOW RATE	FLUID SEPARATION
LIQUID RECIDENCE TIME	GRAVITY SEPARATION
PRESSURE	FLUID TRANSFORM
ROTATIONAL ACCELERATION	CENTRIFUGE
TEMPERATURE	FLUID TRANSFORM

CHEMICAL AND CATALYST HANDLING

Label :

Definition Facility for storage and handling of chemicals and catalysts.

Super Class :
TRANSPORTATION AND PACKING

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

CHEMICAL DEGRADATION

Label :

Definition A function which decrease the value or lower the functionality of a material or a product made by material.

Super Class :

DEGRADATION FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CHEMICAL FIRE FIGHTING SYSTEM

Label :

Definition A facility that contain foam generators and chemicals which can be stored in tanks and/or mobile facilities.

Super Class :

FIRE AND SAFETY SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

PRESSURE

CHEMICAL FIRE FIGHTING SYSTEM

CHEMICAL FIRE FIGHTING SYSTEM

CHEMICAL INJECTION SYSTEM

Label :

Definition A facility which provides service for injection of inhibitors i.e. into the process. Serves as utility for make-up purposes of water, products and when required by process.

Super Class :

INJECTION SYSTEM

Sub Class :

DEHYDRATION
CHLORINATION
AMMONIA INFIX SYSTEM
OTHER CHEMICAL INJECTION

Normally Part Of :

<none>

Normal Part :

FLUID MERGE

CHEMICAL INJECTION SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

CHEMICAL INJECTION SYSTEM

CHLORIDE STRESS CORROSION CRACKING

Label :

Definition Type of stress corrosion

Super Class :

STRESS DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CHLORINATION

Label :

Definition A facility used in connection with sea water systems normally in order to avoid biological growth in the system.

Super Class :

CHEMICAL INJECTION SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

FLUID MERGE

CHEMICAL INJECTION SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

CHEMICAL INJECTION SYSTEM

CLADDING

Label :

Definition The outer cover of a wall

Super Class :

ARCHITECTURE STRUCTURAL FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

Normal Connection :

<none>

Normal Characteristic :

<none>

CLOSED DRAIN

Label :

Definition	A facility describing drain system where hc liquids are disposed. Services which includes closed drain collection and drain separators & pumps.
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Super Class :

DRAIN SYSTEM

Sub Class :

Normally Part Of :

```
<none>
```

Normal Part :

TANK STORAGE WASTE DISPOSAL SYSTEM

LIQUID PRESSURE INCREASE WASTE DISPOSAL SYSTEM

GRAVITY SEPARATION WASTE DISPOSAL SYSTEM

CLOSED TRANSPORT

CLOSED TRANSITION	WASTE DISPOSAL SYSTEM
OBSTRUCTION BY SOLID	WASTE DISPOSAL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE	WASTE DISPOSAL SYSTEM
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000
11000	11000
12000	12000
13000	13000
14000	14000
15000	15000
16000	16000
17000	17000
18000	18000
19000	19000
20000	20000
21000	21000
22000	22000
23000	23000
24000	24000
25000	25000
26000	26000
27000	27000
28000	28000
29000	29000
30000	30000
31000	31000
32000	32000
33000	33000
34000	34000
35000	35000
36000	36000
37000	37000
38000	38000
39000	39000
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96000	96000
97000	97000
98000	98000
99000	99000
100000	100000

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM
WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

CLOSED TRANSPORT

Label :

Definition A facility for transport of substance in closed environment. All of the substance put into the transport facility , will be received in the other end.

Super Class :

FLUID TRANSPORT

Sub Class :

ONE WAY FLOW

DYNAMIC

POSITIVE DISPLACEMENT

TRANSPORT INCREASE

TRANSPORT DECREASE

Normally Part Of :

ABOVE GROUND STORAGE

ABOVE GROUND STORAGE

ATMOSPHERIC VENTING

BALLAST WATER SYSTEM

BILGE SUBSYSTEM

CLOSED DRAIN

CONDENSATE SYSTEM

DRAIN SYSTEM

DRAIN WATER TREATMENT

FISCAL PRODUCT METERING

FLARE VENT AND BLOWDOWN

FRESHWATER COOLING

GAS PRESSURISED STORAGE

GASEOUS FUEL SYSTEM

HAZARDOUS OPEN DRAIN

HIGH PRESSURE FUEL GAS

HIGH PRESSURE RELIEF

HIGH PRESSURE STEAM

INERT GAS

INSTRUMENT AIR

LIQUID ATMOSPHERIC STORAGE

LIQUID BURNER SYSTEM

LOW PRESSURE FUEL GAS

LOW PRESSURE RELIEF

LOW PRESSURE STEAM

MEDIUM HEATING

MEDIUM PRESSURE STEAM

NON HAZARDOUS OPEN DRAIN

OILY WATER TREATMENT

OPEN AIR STORAGE

OPEN DRAIN

PIPEWAYS FLARE SYSTEM

PIPEWAYS PRODUCT

PLANT AIR

PRODUCED WATER TREATMENT

PRODUCT STORAGE

PURGE GAS

SEAWATER COOLING

SEWAGE SYSTEM

SHALE DISPOSAL

SILO OR CONTAINER STORAGE

SLUDGE TREATMENT

SOLIDS STORAGE

STEAM SYSTEM

UNDERGROUND STORAGE

UNDERGROUND STORAGE

UTILITY GAS SYSTEM

VENT LINES FACILITY

VOLUMETRIC FLOW METERING

WAREHOUSE OR SHELTERED STORAGE

WASTE DISPOSAL SYSTEM

WEIGHT METERING

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

VOLUME FLOW CAPACITY

FLUID TRANSPORT

CLOSURE PLATE

Label :

Definition

Facility to close open structural items as tubulars ect.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CO2 CORROSION

Label :

Definition

Type of corrosion

Super Class :

DEGRADATION BY CORROSION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

CORROSION RATE

DEGRADATION BY CORROSION

CO2 REMOVAL FACILITY

Label :

Definition Service for removal of the noxious component carbon dioxide from a gas stream to meet the gas specification and to prevent corrosion in the pipelines transferring the gas.

Super Class :

GAS SWEETENING

Sub Class :

<none>

Normally Part Of :

CO2 REMOVAL FACILITY

GAS SWEETENING

H2S REMOVAL FACILITY

Normal Part :

H2S REMOVAL FACILITY

GAS SWEETENING

CO2 REMOVAL FACILITY

GAS SWEETENING

Normal Connection :

<none>

Normal Characteristic :

<none>

COLUMN

Label :

Definition Vertical cylinder/section between decks or pontoon/node and deck.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

COMBUSTION

Label :

Definition Function that transform internal chemical energy in a fluid into mechanical energy by controlled combustion.

Super Class :

FLUID TOFROM MECHANICAL POWER CONVERTER

Sub Class :

ROTATIONAL CONVERTER

LINEAR CONVERTER

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

ENERGY

FORCE

FUEL CONSUMPTION

OPERATIONAL RATED DUTY

POWER

POWER CONSUMPTION

SHAFT POWER

VELOCITY

FLUID TOFROM MECHANICAL POWER CONVERTER

FLUID TOFROM MECHANICAL POWER CONVERTER

COMBUSTION

FLUID TOFROM MECHANICAL POWER CONVERTER

FLUID TOFROM MECHANICAL POWER CONVERTER

FLUID TOFROM MECHANICAL POWER CONVERTER

FLUID TOFROM MECHANICAL POWER CONVERTER

FLUID TOFROM MECHANICAL POWER CONVERTER

COMMISSIONED PLANT

Label :

Definition A Plant that has been proven to be operational through commissioning procedures.

Super Class :

COMPLEX FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

INSTALLATION FACILITY

COMPLEX FACILITY

Normal Connection :

TRANSPORT PIPEWAYS

COMPLEX FACILITY

Normal Characteristic :

<none>

COMMUNICATION SYSTEM

Label :

Definition A facility including all installations for communication purposes.

Super Class :

SYSTEM FACILITY

Sub Class :

TELEPHONE AND INTERCOMMUNICATION

TELEX AND TELEFAX SYSTEMS

RADIO COMMUNICATION SYSTEM

CCTV AND SECURITY SYSTEM

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

COMPLEX FACILITY

Label :

Definition Comprises one or more installations / geographical areas independent of organisation.

Super Class :
FACILITY CLASS
Sub Class :
COMMISSIONED PLANT
RESTORED SITE
Normally Part Of :
INTEGRATED PRODUCTION FACILITY
Normal Part :
INSTALLATION FACILITY
Normal Connection :
TRANSPORT PIPEWAYS
Normal Characteristic :
<none>

COMPLEX FACILITY
COMPLEX FACILITY

COMPLIANT TOWER STRUCTURE

Label :

Definition A facility consisting of a bottom founded fabricated steel structure.

Super Class :
FIXED STRUCTURE
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

COMPUTER SYSTEM

Label :

Definition Includes mainframe and local computers not directly linked to the operational plant computer system.

Super Class :

INSTRUMENTATION SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CONCRETE BEAM DECK STRUCTURE

Label :

Definition A supporting facility consisting of single girders constructed in concrete.

Super Class :

TOPSIDE DECK STRUCTURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CONDENSATE SYSTEM

Label :

Definition A facility at the end of the steam circulation and includes a regeneration package before feeding back into the steam generation process.

Super Class :

STEAM SYSTEM

Sub Class :

<none>

Normally Part Of :	
<none>	
Normal Part :	
LIQUID PRESSURE INCREASE	STEAM SYSTEM
FLUID PURIFIER	STEAM SYSTEM
CLOSED TRANSPORT	STEAM SYSTEM
PNEUMATIC TO MECHANICAL POWER CONVERTER	STEAM SYSTEM
LIQUID INTO GAS	STEAM SYSTEM
OBSTRUCTION BY SOLID	STEAM SYSTEM
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	STEAM SYSTEM
OPERATIONAL RATED DUTY	STEAM SYSTEM
PRESSURE	STEAM SYSTEM
TEMPERATURE	STEAM SYSTEM

CONDENSE SEPARATION

Label :	
Definition	Separation of gaseous substances by lowering the temperature so the substance with the highest boiling temperature drops out in liquid form.

Super Class :	
PHYSICAL SEPARATION	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	FLUID SEPARATION
NORMAL BOILING TEMPERATURE	CONDENSE SEPARATION
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

CONDITION MONITORING

Label :	
Definition	Services for monitoring mechanical equipment, corrosion, pipeline performance and vibration analysers.

Super Class :	
SYSTEM FACILITY	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CONDUCTOR SUPPORT

Label :

Definition A facility supporting the conductor connecting it to the J-tube support structure.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CONE

Label :

Definition An infinit solid figure generated by a straight line passing through a fixed point and intersecting some curve in space.
Can be solid or hollow.
A structural facility used as transition piece.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CONTAINER STORAGE

Label :

Definition Storage of all substances behaving like fluids under atmospheric pressure in a container.

Super Class :	
ATMOSPHERIC STORAGE	
Sub Class :	
<none>	
Normally Part Of :	
ABOVE GROUND STORAGE	
LIQUID ATMOSPHERIC STORAGE	
OPEN AIR STORAGE	
SILO OR CONTAINER STORAGE	
SOLIDS STORAGE	
UNDERGROUND STORAGE	
WAREHOUSE OR SHELTERED STORAGE	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
PRESSURE	ATMOSPHERIC STORAGE
VOLUME	FLUID STORAGE

CONTINOUS TRANSPORT

Label :

Definition A facility which allows continous transport of a gas, liquid or solids (solids behaving like liquid).

Super Class :	
PRODUCT TRANSPORT	
Sub Class :	
MULTIPHASE TRANSPORT	
GAS TRANSPORT	
LIQUID TRANSPORT	
SOLID TRANSPORT	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
NOZZLE FACILITY	PRODUCT TRANSPORT
Normal Characteristic :	
FLOW RATE	PRODUCT TRANSPORT

CONTROL

Label :

Definition Purposeful action on or in a system, to meet specified objectives.

Super Class :		
MEASURE AND CONTROL		
Sub Class :		
FLOW CONTROL		
MODULATING CONTROL		
ON OFF CONTROL		
PRESSURE CONTROL		
LEVEL CONTROL		
TEMPERATURE CONTROL		
Normally Part Of :		
<none>		
Normal Part :		
TRANSMITTER		CONTROL
SENSOR		CONTROL
Normal Connection :		
<none>		
Normal Characteristic :		
CHARACTERISTIC VALUE		CONTROL
INPUT SIGNAL		CONTROL
OUTPUT SIGNAL		CONTROL

CONTROL ELEMENTS

Label :

Definition Facility superclass containing the functional components to be used in control and monitoring

Super Class :		
MEASURE AND CONTROL		
Sub Class :		
TRANSMITTER		
INDICATOR		
SENSOR		
CONTROLLER		
SIGNAL CONVERTER		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
<none>		

CONTROL LOOP

Label :

Definition Assembly of elements comprising a comparing element, the corresponding forward path and the corresponding feedback path.

Super Class :
MEASURE AND CONTROL

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

CONTROLLER

Label :

Definition A facility which operates automatically to affect a controlled variable by comparing the value of the controlled variable with the value of a reference variable in order to reduce the difference between them.

Super Class :
CONTROL ELEMENTS

Sub Class :
TEMPERATURE CONTROLLER
LEVEL CONTROLLER
PRESSURE CONTROLLER
FLOW CONTROLLER

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

CONVEYOR BELT SYSTEM

Label :

Definition Solid products or general bulks may require a conveyor belt system to their point of packing and/or storage.

Super Class :

TRANSPORTATION AND PACKING

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

OPEN TRANSPORT

CONVEYOR BELT SYSTEM

Normal Connection :

<none>

Normal Characteristic :

<none>

COOLING SYSTEM

Label :

Definition Includes all cooling facilities which are used as utility systems.

Super Class :

SYSTEM FACILITY

Sub Class :

REFRIGERATION

SEAWATER COOLING

FRESHWATER COOLING

AIR COOLING

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

COOLING SYSTEM

HEAT FLUX

COOLING SYSTEM

HEAT TRANSFER COEFFICIENT

COOLING SYSTEM

OPERATIONAL RATED DUTY

COOLING SYSTEM

PRESSURE

COOLING SYSTEM

TEMPERATURE

COOLING SYSTEM

CORROSION INHIBITOR INFIX SYSTEM

Label :

Definition Includes service for loading, storage, pumping and distribution of corrosion inhibitor.

Super Class :

OTHER CHEMICAL INJECTION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

STORAGE FACILITY
DISTRIBUTION FACILITY
FLUID MERGE

Normal Connection :

TRANSPORT PIPEWAYS

Normal Characteristic :

FLOW RATE
MAXIMUM DESIGN PRESSURE
MAXIMUM DESIGN TEMPERATURE
MAXIMUM FLOW
MAXIMUM OPERATING PRESSURE
MAXIMUM OPERATING TEMPERATURE

CORROSION INHIBITOR INFIX SYSTEM
CORROSION INHIBITOR INFIX SYSTEM
CHEMICAL INJECTION SYSTEM

CORROSION INHIBITOR INFIX SYSTEM

CHEMICAL INJECTION SYSTEM
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION

CRACKER

Label :

Definition Function including breaking down the larger, heavier and more complex HC molecules into simpler, lighter and more valuable components. Cracking is accomplished by the application of heat and pressure.

Super Class :

MOLECULAR DEMOLITION

Sub Class :

CATALYTIC CRACKING
THERMAL CRACKING

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE
MAXIMUM FLOW
PRESSURE
TEMPERATURE

FLUID SEPARATION
MOLECULAR DEMOLITION
FLUID TRANSFORM
FLUID TRANSFORM

CRANE

Label :

Definition A facility for raising heavy weight

Super Class :

DECK APPURTENANCES

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CREEP EMBRITTLEMENT

Label :

Definition Type of brittle degradation of a material

Super Class :

EMBRITTLEMENT DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CREEP RUPTURE

Label :

Definition Type of mechanical degradation of a material

Super Class :

MECHANICAL DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

CREVICE CORROSION

Label :

Definition Type of corrosion

CYCLONE

Label :

Definition Function provided by leading two mixed fluids with different density in a stream into a device. The difference in density between the fluids gives a separation. Often used for separating oil and water.

Super Class :
GRAVITY SEPARATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
ANGULAR VELOCITY	CYCLONE
DENSITY GAS	GRAVITY SEPARATION
DENSITY LIQUID	GRAVITY SEPARATION
DENSITY SOLID	GRAVITY SEPARATION
FLOW RATE	FLUID SEPARATION
LIQUID RECIDENCE TIME	GRAVITY SEPARATION
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

DE EMULSIFIER INFIX SYSTEM

Label :

Definition Includes service for loading, storage, pumping and distribution of de-emulsifier.

Super Class :
OTHER CHEMICAL INJECTION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :	
STORAGE FACILITY	DE EMULSIFIER INFIX SYSTEM
DISTRIBUTION FACILITY	DE EMULSIFIER INFIX SYSTEM
FLUID MERGE	CHEMICAL INJECTION SYSTEM

Normal Connection :
<none>

Normal Characteristic :	
FLOW RATE	CHEMICAL INJECTION SYSTEM
MAXIMUM DESIGN PRESSURE	OTHER CHEMICAL INJECTION
MAXIMUM DESIGN TEMPERATURE	OTHER CHEMICAL INJECTION
MAXIMUM FLOW	OTHER CHEMICAL INJECTION
MAXIMUM OPERATING PRESSURE	OTHER CHEMICAL INJECTION
MAXIMUM OPERATING TEMPERATURE	OTHER CHEMICAL INJECTION

DEALLOYING

Label :

Definition	Type of corrosion
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Super Class :

DEGRADATION BY CORROSION

Sub Class :

<none>

Normally Part Of :

Normally Part Of: <none>

Normal Part :

```
<none>
```

Normal Connection :

<none>

Normal Characteristic :

CORROSION RATE DEGRADATION BY CORROSION

DEGRADATION BY CORROSION

DECK

Label :

Definition A horizontal platform facility used for covering and supporting equipment.
In a vessel going from one side to another joining them together.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

WEATHER DECK

PLATFORM DECK

HELIDECK

UPPER DECK

INTERMEDIATE DECK

INTERMEDIATE DECK
CELLAR DECK

BOTTOM DECK

MAIN DECK

MAIN DECK
SECOND DECK

THIRD DECK

MEZZANINE DECK

Normally Part Of :

Normally Part Of: <none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

DECK ANCILLIARIES

Label :

Definition Purpose built support items not related to a specific physical area of a topside.
Such as bridge, fare, deck appurtenances etc.

Super Class :

MODULE STRUCTURE

Sub Class :

DECK APPURTENANCES

BRIDGE

FLARE BOOM

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

DECK APPURTENANCES

Label :

Definition Functional equipment positioned on deck to perform operations cargohandling, mooring, etc.

Super Class :

DECK ANCILLIARIES

Sub Class :

CRANE

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

DECK GIRDER

Label :

Definition Girder used for deck support

Super Class :

GIRDER

<none>

<none>

<none>

<none>

<none>

DEGRADATION BY CORROSION

Label :

Definition A function which decreases the value or lower the functionality of a material.

DEGRADATION FACILITY

ACID CORROSION
CO2 CORROSION
BACTERIAL CORROSION
CREVICE CORROSION
CYANIDE CORROSION
EROSION CORROSION
DEALLOYING
FATIGUE CORROSION
GALVANIC CORROSION
NH4F CORROSION
NH4HS CORROSION
OVERHEAD CORROSION
OXYGEN CORROSION
PITTING CORROSION
STRAY CURRENT CORROSION

<none>

<none>

<none>

CORROSION RATE

DEGRADATION BY CORROSION

DEGRADATION FACILITY

Label :

Definition A function which decrease operational flexibility of a device

NATURAL PROCESSES

Sub Class :

STRESS DEGRADATION
MECHANICAL DEGRADATION
CHEMICAL DEGRADATION
EMBRITTLEMENT DEGRADATION
CARBURIZATION DEGRADATION
METAL DUSTING DEGRADATION
OXIDATION DEGRADATION
SULPHIDISATION DEGRADATION
DEGRADATION BY CORROSION

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

DEHYDRATION

Label :

Definition Dehydration fluids (e.g. methanol or glycol) is usually used for dehydration of the feed stock.

Super Class :

CHEMICAL INJECTION SYSTEM

Sub Class :

GLYCOL REGENERATION

Normally Part Of :

<none>

Normal Part :

FLUID MERGE

CHEMICAL INJECTION SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

CHEMICAL INJECTION SYSTEM

DEMINERALIZED WATER SYSTEM

Label :

Definition Including demineralized water used in closed water circuits.

Super Class :

WATER SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

WATER SYSTEM

DERRICK

Label :

Definition

A facility for hoisting and lowering heavy weights, as drilling equipment and the operation of it.

Super Class :

DRILLING MODULE STRUCTUR

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

DEWAXING

Label :

Definition

A function used for making a substance (often oil) poorer on wax components.

Super Class :

PHYSICAL SEPARATION

Sub Class :

CATALYTIC DEWAXING

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

PRESSURE

TEMPERATURE

FLUID SEPARATION

FLUID TRANSFORM

FLUID TRANSFORM

DIAGPHRAME

Label :

Definition Facility to prevent a leg from beeing flooded

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

```
<none>
```

DIESEL OIL FACILITY

Label :

Definition Includes services for storage and distribution of untreated and treated diesel oil. In addition also service for treatment of untreated diesel oil.

Super Class :

LIQUID FUEL SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

STORAGE FACILITY DIESEL OIL FACILITY

DISTRIBUTION FACILITY DIESEL OIL FACILITY

TANK STORAGE LIQUID FUEL SYSTEM

LIQUID PRESSURE INCREASE LIQUID FUEL SYSTEM

MECHANICAL SEPARATION LIQUID FUEL SYSTEM

FLUID PURIFIER

FLUID FUEL SYSTEM	LIQUID FUEL SYSTEM
OBSTRUCTION BY SOLID	LIQUID FUEL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE	FUEL SYSTEM
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

VOLUME FLOW CAPACITY DIESEL OIL FACILITY

DIESEL OIL FACILITY

DIESEL OIL FACILITY

LIQUID FUEL SYSTEM

LIQUID FUEL SYSTEM

LIQUID FUEL SYSTEM

LIQUID FUEL SYSTEM

LIQUID FUEL SYSTEM

FUEL SYSTEM

DIESEL OIL FACILITY

DIRECT CURRENT TOFROM ALTERING CURRENT

Label :

Definition Includes the function of transforming direct current into alternating current or vice versa.

Super Class :	
ELECTRICAL TRANSFORM	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

DISTILLATE LOADING SYSTEM

Label :

Definition System for loading liquid distillate products (e.g. natural gasoline, benzene, diesel, kerosene)

Super Class :	
PRODUCT LOADING	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	PRODUCT LOADING
PRESSURE	PRODUCT LOADING
TEMPERATURE	PRODUCT LOADING

DISTILLATION SEPARATION

Label :

Definition includes the service of separate the different molecules in a stream after their range of properties. Heating of the fluid and separation after the range of boiling point is a common way of this method.

Super Class :

PHYSICAL SEPARATION

Sub Class :

STRIPPING

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

NORMAL BOILING TEMPERATURE

PRESSURE

TEMPERATURE

FLUID SEPARATION

DISTILLATION SEPARATION

FLUID TRANSFORM

FLUID TRANSFORM

DIVISION 1 (GASES AND DUSTS)

Label :

Definition Continious/Intermittent hazard.
An area in which an explosive mixture of flammable gases or vapours with air is continuously present or present for long periods of time

Super Class :

NORTH AMERICA HAZARDOUS AREA CLASSIFICATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

DIVISION 2 (GASES AND DUSTS)

Label :

Definition Hazard under abnormal conditions.
An area in which an explosive mixture of flammable gases or vapours with air is not likely to occur and if it occurs it will only exist for a short period of time.

Super Class :

NORTH AMERICA HAZARDOUS AREA CLASSIFICATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

DOOR

Label :

Definition An opening to perform as a entrance into a room or passage.

Super Class :

ARCHITECTURE STRUCTURAL FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

DOUBLING PLATE

Label :

Definition Reinforcement on equipment.

Super Class :

REINFORCEMENT

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

DRAIN SYSTEM

Label :

Definition Covers all facilities to collect the wash water from plant surface areas which need to be collected for further ef
fluent treatment before redischarge.

Super Class :

WASTE DISPOSAL SYSTEM

Sub Class :

CLOSED DRAIN

OPEN DRAIN

Normally Part Of :

<none>

Normal Part :

TANK STORAGE

WASTE DISPOSAL SYSTEM

LIQUID PRESSURE INCREASE

WASTE DISPOSAL SYSTEM

GRAVITY SEPARATION

WASTE DISPOSAL SYSTEM

CLOSED TRANSPORT

WASTE DISPOSAL SYSTEM

OBSTRUCTION BY SOLID

WASTE DISPOSAL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

WASTE DISPOSAL SYSTEM

DRAIN WATER TREATMENT

Label :

Definition Facility which cleans the water coming from the open drain system.

Super Class :

OPEN DRAIN

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

TANK STORAGE

WASTE DISPOSAL SYSTEM

LIQUID PRESSURE INCREASE

WASTE DISPOSAL SYSTEM

GRAVITY SEPARATION

WASTE DISPOSAL SYSTEM

CLOSED TRANSPORT

WASTE DISPOSAL SYSTEM

OBSTRUCTION BY SOLID

WASTE DISPOSAL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

WASTE DISPOSAL SYSTEM

VOLUME FLOW CAPACITY

DRAIN WATER TREATMENT

DRILLING AREA

Label :

Definition A facility where systems related to drilling wells are located topside.

Super Class :
TOPSIDE AREA
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

DRILLING MODULE STRUCTUR

Label :

Definition The structural facilities of the drilling module

Super Class :
MODULE STRUCTURE
Sub Class :
DERRICK
DRILLING PLATFORM
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

DRILLING PLATFORM

Label :

Definition A platform to support and operate drilling equipment

Super Class :
DRILLING MODULE STRUCTUR
Sub Class :

<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

DYNAMIC

Label :

Definition Function based on dynamic transport of substance. By dynamic transport is meant a flow of fluid varying by time.

Super Class :
EXPANSION
STATIC PRESSURE INCREASE
LIQUID PRESSURE INCREASE
CLOSED TRANSPORT

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

COMPRESSION RATIO	PRESSURE DECREASE
COMPRESSION RATIO	PRESSURE INCREASE
ENERGY	TEMPERATURE
ENERGY	FLUID TOFROM MECHANICAL POWER CONVERTER
ENTHALPY	TEMPERATURE
FORCE	FLUID TOFROM MECHANICAL POWER CONVERTER
HEAT TRANSFER COEFFICIENT	TEMPERATURE
OPERATIONAL RATED DUTY	TEMPERATURE
OPERATIONAL RATED DUTY	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER CONSUMPTION	FLUID TOFROM MECHANICAL POWER CONVERTER
PRESSURE	FLUID TRANSFORM
PRESSURE DROP GRADIENT	PRESSURE DECREASE
PRESSURE RAISE	PRESSURE INCREASE
SHAFT POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
TEMPERATURE	FLUID TRANSFORM
TEMPERATURE DROP	TEMPERATURE DECREASE
VELOCITY	FLUID TOFROM MECHANICAL POWER CONVERTER
VOLUME FLOW CAPACITY	FLUID TRANSPORT

DYNAMIC FORCE FACILITY

Label :

Definition The facility represented by a force varying with time.

Super Class :	
POWER OPERATION	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
FORCE	DYNAMIC FORCE FACILITY
FRICTION LOSSES	DYNAMIC FORCE FACILITY
MOMENT OF INERTIA	DYNAMIC FORCE FACILITY
OPERATIONAL RATED DUTY	DYNAMIC FORCE FACILITY
TORQUE	DYNAMIC FORCE FACILITY

DYNAMIC MEASURE

Label :

Definition A facility used for metering any condition of a state (flow, batch etc.) dynamically. By dynamically is meant i.e. a flow which varies by time.

Super Class :	
FLUID MEASURE	
Sub Class :	
PRESSURE MEASURE	
TEMPERATURE MEASURE	
MASS MEASURE	
VOLUME MEASURE	
Normally Part Of :	
FISCAL PRODUCT METERING	
VOLUMETRIC FLOW METERING	
VOLUMETRIC FLOW METERING	
WEIGHT METERING	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
CALIBRATED RANGE	FLUID MEASURE
COUNT RATE	FLUID MEASURE
FLOW RATE MASS BASIS	FLUID MEASURE
FLOW RATE VOLUME BASIS	FLUID MEASURE
MEASURE	FLUID MEASURE

DYNAMIC PRESSURE INCREASE

Label :

Definition A facility for increasing the pressure and/or the velocity of a gas (mixture) by adding mechanical energy.

Super Class :		
PRESSURE INCREASE		
Sub Class :		
<none>		
Normally Part Of :		
AIR COOLING		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
COMPRESSION RATIO		PRESSURE INCREASE
DYNAMIC PRESSURE		DYNAMIC PRESSURE INCREASE
PRESSURE		FLUID TRANSFORM
PRESSURE RAISE		PRESSURE INCREASE
STATIC PRESSURE		DYNAMIC PRESSURE INCREASE
TEMPERATURE		FLUID TRANSFORM

EARTHING SYSTEM

Label :

Definition Includes all earthing circuits and lightning protection systems of the plant as well as all anodic protection systems.

Super Class :		
ELECTRICAL POWER SYSTEM		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
ELECTRIC CAPACITY		ELECTRICAL POWER SYSTEM
ELECTRIC CURRENT		ELECTRICAL POWER SYSTEM
ELECTRIC FLUX		ELECTRICAL POWER SYSTEM

EJECTOR

Label :

Definition A facility for increasing the pressure of one medium by letting in together with another medium in a reduced area of flow.

Super Class :	
PRESSURE INCREASE	
FLUID TOFROM FLUID POWER CONVERTER	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
COMPRESSION RATIO	PRESSURE INCREASE
DENSITY AT T AND P	FLUID TOFROM FLUID POWER CONVERTER
ENERGY	FLUID TOFROM FLUID POWER CONVERTER
FORCE	FLUID TOFROM FLUID POWER CONVERTER
FORCE AREA	FLUID TOFROM FLUID POWER CONVERTER
OPERATIONAL RATED DUTY	FLUID TOFROM FLUID POWER CONVERTER
POWER	FLUID TOFROM FLUID POWER CONVERTER
PRESSURE	FLUID TRANSFORM
PRESSURE RAISE	PRESSURE INCREASE
TEMPERATURE	FLUID TRANSFORM

ELECTRIC TOFROM MECHANICAL POWER CONVERT

Label :

Definition A facility for converting electrical energy into mechanical energy or vice versa.

Super Class :	
ELECTRICAL OPERATION	
POWER OPERATION	
Sub Class :	
ELECTROMAGNETIC CONVERTER	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION

ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION
VOLTAGE RATING	ELECTRIC TOFROM MECHANICAL POWER CONVERT
WEIGHT	ELECTRIC TOFROM MECHANICAL POWER CONVERT

ELECTRICAL ACCUMULATOR

Label :

Definition A facility for storing electrical energy.

Super Class :
ELECTRICAL OPERATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

ELECTRICAL CONDUCTOR

Label :

Definition A facility to transport electrical energy over a physical distance.

Super Class :
ELECTRICAL OPERATION

Sub Class :
SIGNAL CARRIER

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION

ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

ELECTRICAL CURRENT

Label :

Definition Includes the service of an electrical current flowing in a conductor.

Super Class :
ELECTRICAL TRANSFORM

Sub Class :
ELECTRICAL RESISTANCE

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

ELECTRICAL HEAT

Label :

Definition Includes the idea of an electrical resistance creating heat.

Super Class :
ELECTRICAL RESISTANCE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

AMPLITUDE
ELECTRIC CAPACITY
ELECTRIC CHARGE
ELECTRIC CURRENT
ELECTRIC FLUX
ELECTRIC POLARIZATION
ELECTRIC POTENTIAL
ELECTRICAL RESISTANCE
FREQUENCY

ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION

ELECTRICAL HEATING

Label :

Definition System utilizing electrical power for heating purposes in all sorts of process applications where controlled heat is required.

Super Class :
HEATING SYSTEM

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
FLOW RATE	HEATING SYSTEM
HEAT FLUX	HEATING SYSTEM
HEAT TRANSFER COEFFICIENT	HEATING SYSTEM
OPERATIONAL RATED DUTY	HEATING SYSTEM
PRESSURE	HEATING SYSTEM
TEMPERATURE	HEATING SYSTEM

ELECTRICAL ISOLATOR

Label :

Definition A facility to completely isolate one conductor from another.

Super Class :
ELECTRICAL OPERATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
AMPLITUDE	ELECTRICAL OPERATION

ELECTRIC CAPACITY
ELECTRIC CHARGE
ELECTRIC CURRENT
ELECTRIC FLUX
ELECTRIC POLARIZATION
ELECTRIC POTENTIAL
ELECTRICAL RESISTANCE
FREQUENCY

ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION

ELECTRICAL LIGHT

Label :

Definition A facility to generate light from electrical energy.

Super Class :
ELECTRICAL RESISTANCE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
AMPLITUDE
ELECTRIC CAPACITY
ELECTRIC CHARGE
ELECTRIC CURRENT
ELECTRIC FLUX
ELECTRIC POLARIZATION
ELECTRIC POTENTIAL
ELECTRICAL RESISTANCE
FREQUENCY

ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION
ELECTRICAL OPERATION

ELECTRICAL OPERATION

Label :

Definition Any facility that has to do with the treatment of all power and electorol signals on an installation.

Super Class :
UNIT OPERATION

Sub Class :
ELECTRICAL ISOLATOR
ELECTRIC TOFROM MECHANICAL POWER CONVERT
ELECTRICAL CONDUCTOR
ELECTRICAL ACCUMULATOR
ELECTRICAL TRANSFORM

Normally Part Of :
<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

ELECTRICAL PORT

Label :

Definition A facility that permits transfer of electrons

Super Class :

PORT

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

SYSTEM FACILITY FROM NORSOK	ELECTRICAL PORT
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Normal Characteristic :

<none>

ELECTRICAL POWER DISTRIBUTION

Label :

Definition The power distribution system comprises all facilities which are necessary to distribute the electrical power over the plant from the point of main intake to the take over connection of the various users inclusive of all intermediate distribution panels and potential step down transformers.

Super Class :

ELECTRICAL POWER SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

ELECTRIC CAPACITY	ELECTRICAL POWER SYSTEM
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ELECTRIC CURRENT
ELECTRIC FLUX
POWER CONSUMPTION

ELECTRICAL POWER SYSTEM
ELECTRICAL POWER SYSTEM
ELECTRICAL POWER DISTRIBUTION

ELECTRICAL POWER GENERATION

Label :

Definition Power generation facility for the generation of the plants normal power, back-up power or emergency power generation. Systems include all facilities up to the point of distribution.

Super Class :

ELECTRICAL POWER SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

ELECTRIC CAPACITY
ELECTRIC CURRENT
ELECTRIC FLUX
OPERATIONAL RATED DUTY

ELECTRICAL POWER SYSTEM
ELECTRICAL POWER SYSTEM
ELECTRICAL POWER SYSTEM
ELECTRICAL POWER GENERATION

ELECTRICAL POWER SUPPLY

Label :

Definition Defined as the receiving system for general grid power supply and comprises all installation from point of tie in up to/and include to the main plant intake transformer and switch gear from where the plant power is distributed.

Super Class :

ELECTRICAL POWER SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

ELECTRIC CAPACITY
ELECTRIC CURRENT
ELECTRIC FLUX
OPERATIONAL RATED DUTY

ELECTRICAL POWER SYSTEM
ELECTRICAL POWER SYSTEM
ELECTRICAL POWER SYSTEM
ELECTRICAL POWER SUPPLY

ELECTRICAL POWER SYSTEM

Label :

Definition Includes all systems made to receive, produce, distribute and/or maintain the electrical power supply.

Super Class :	
SYSTEM FACILITY	
Sub Class :	
ELECTRICAL POWER SUPPLY	
ELECTRICAL POWER GENERATION	
ELECTRICAL POWER DISTRIBUTION	
EMERGENCY POWER SYSTEM	
EARTHING SYSTEM	
PLANT LIGHTING SYSTEM	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
ELECTRIC CAPACITY	ELECTRICAL POWER SYSTEM
ELECTRIC CURRENT	ELECTRICAL POWER SYSTEM
ELECTRIC FLUX	ELECTRICAL POWER SYSTEM

ELECTRICAL RESISTANCE

Label :

Definition Includes the service of an electrical resistance.

Super Class :	
ELECTRICAL CURRENT	
Sub Class :	
ELECTRICAL LIGHT	
ELECTRICAL HEAT	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

ELECTRICAL TRANSFORM

Label :

Definition A facility for transforming electrical energy

Super Class :		
ELECTRICAL OPERATION		
Sub Class :		
DIRECT CURRENT TOFROM ALTERING CURRENT		
VOLTAGE TRANSFORM		
ELECTRICAL CURRENT		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
AMPLITUDE		ELECTRICAL OPERATION
ELECTRIC CAPACITY		ELECTRICAL OPERATION
ELECTRIC CHARGE		ELECTRICAL OPERATION
ELECTRIC CURRENT		ELECTRICAL OPERATION
ELECTRIC FLUX		ELECTRICAL OPERATION
ELECTRIC POLARIZATION		ELECTRICAL OPERATION
ELECTRIC POTENTIAL		ELECTRICAL OPERATION
ELECTRICAL RESISTANCE		ELECTRICAL OPERATION
FREQUENCY		ELECTRICAL OPERATION

ELECTRO MAGNETIC SEPARATION

Label :

Definition A facility for electro magnetic separation of substances in a process stream.

Super Class :		
FLUID SEPARATION		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
ELECTRIC CURRENT		ELECTRO MAGNETIC SEPARATION
ELECTRIC FLUX		ELECTRO MAGNETIC SEPARATION
ENERGY		ELECTRO MAGNETIC SEPARATION
FLOW RATE		FLUID SEPARATION
OPERATIONAL RATED DUTY		ELECTRO MAGNETIC SEPARATION

PRESSURE
TEMPERATURE

FLUID TRANSFORM
FLUID TRANSFORM

ELECTROMAGNETIC CONVERTER

Label :

Definition A facility describing a power field created by electromagnetic forces.

Super Class :

ELECTRIC TOFROM MECHANICAL POWER CONVERT

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION
VOLTAGE RATING	ELECTRIC TOFROM MECHANICAL POWER CONVERT
WEIGHT	ELECTRIC TOFROM MECHANICAL POWER CONVERT

ELEVATION PLAN

Label :

Definition A figure or representation of anything projected on a plane or flat surface.given relative to the sea level.
Normally used to annotate a groop of items in that plane.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

EMBRITTLEMENT 475

Label :

Definition Type of brittle degradation of a material

Super Class :
EMBRITTLEMENT DEGRADATION
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

EMBRITTLEMENT DEGRADATION

Label :

Definition A function which decrease the value or lower the functionality of a material or a product made by material.

Super Class :
DEGRADATION FACILITY
Sub Class :
EMBRITTLEMENT 475
BRITTLE FRACTURE
CAUSTIC EMBRITTLEMENT
CREEP EMBRITTLEMENT
HYDROGEN EMBRITTLEMENT
LIQUID METAL EMBRITTLEMENT
TEMPERATURE EMBRITTLEMENT
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

EMERGENCY POWER SYSTEM

Label :

Definition This system is used as back up power in case of emergency as well as in case of power failure from the main grid line. It shall secure plant lightning and process and plant control until the emergency power generation can take over.

Super Class :

ELECTRICAL POWER SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

ELECTRIC CAPACITY

ELECTRIC CURRENT

ELECTRIC FLUX

OPERATIONAL RATED DUTY

ELECTRICAL POWER SYSTEM

ELECTRICAL POWER SYSTEM

ELECTRICAL POWER SYSTEM

EMERGENCY POWER SYSTEM

EMERGENCY SHUT DOWN

Label :

Definition A system which give the possibility of bringing the whole plant or part of it with one or few manipulations into a safe pre-determined position.

Super Class :

INSTRUMENTATION SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

ENVIRONMENTAL CONTROL SYSTEM

Label :

Definition Including monitoring of the plant environment by supervising air, water and soil conditions in accordance with the applicable regulations for pollution.

Super Class :

INSTRUMENTATION SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

EROSION

Label :

Definition Type of mechanical degradation of a material made by mechanic wear and tear.

Super Class :

MECHANICAL DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

EROSION CORROSION

Label :

Definition Type of corrosion

Super Class :

DEGRADATION BY CORROSION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

CORROSION RATE

DEGRADATION BY CORROSION

EVAPORATION

Label :

Definition The principle of letting a liquid change the phase to gas.

Super Class :		
PHYSICAL SEPARATION		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE		FLUID SEPARATION
PRESSURE		FLUID TRANSFORM
TEMPERATURE		FLUID TRANSFORM

EXPANSION

Label :

Definition A function used to lower the pressure and temperature in a system. Often also related to take out work in association with the pressure decrease. Can also include services for a joint, loop or tank connected to a pipeline system to absorb expansion and contraction caused by heating and cooling.

Super Class :		
FLUID TOFROM MECHANICAL POWER CONVERTER		
PRESSURE DECREASE		
TEMPERATURE DECREASE		
Sub Class :		
DYNAMIC		
POSITIVE DISPLACEMENT		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
COMPRESSION RATIO		PRESSURE DECREASE
ENERGY		TEMPERATURE
ENERGY		FLUID TOFROM MECHANICAL POWER CONVERTER
ENTHALPY		TEMPERATURE
FORCE		FLUID TOFROM MECHANICAL POWER CONVERTER
HEAT TRANSFER COEFFICIENT		TEMPERATURE
OPERATIONAL RATED DUTY		TEMPERATURE
OPERATIONAL RATED DUTY		FLUID TOFROM MECHANICAL POWER CONVERTER
POWER		FLUID TOFROM MECHANICAL POWER CONVERTER
POWER CONSUMPTION		FLUID TOFROM MECHANICAL POWER CONVERTER
PRESSURE		FLUID TRANSFORM
PRESSURE DROP GRADIENT		PRESSURE DECREASE

SHAFT POWER
TEMPERATURE
TEMPERATURE DROP
VELOCITY

FLUID TOFROM MECHANICAL POWER CONVERTER
FLUID TRANSFORM
TEMPERATURE DECREASE
FLUID TOFROM MECHANICAL POWER CONVERTER

EXPORT RISER

Label :

Definition Includes service for a pipe through which liquid or gas flows from or is exported from the facility. Often the connector between a subsea pipeline and the topside process on a platform.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

FACILITY CLASS

Label :

Definition The Main Class of Facility Classes, e.g. classes describing the a capability to perform activities, provided by in stalled material.

Super Class :

<none>

Sub Class :

PORT
INTEGRATED PRODUCTION FACILITY
COMPLEX FACILITY
INSTALLATION FACILITY
SYSTEM FACILITY
PRODUCT TRANSPORT
NATURAL PROCESSES
UNIT OPERATION
MEASURE AND CONTROL

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

FATIGUE

Label :

Definition Type of mechanical degradation of a material

Super Class :
MECHANICAL DEGRADATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

FATIGUE CORROSION

Label :

[illegible]

Super Class :
DEGRADATION BY CORROSION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
CORROSION RATE	DEGRADATION BY CORROSION

FIRE AND GAS MONITORING SYSTEM

Label :

Definition A system for detection of possible leakages of hydrocarbons and detection of fire.

Super Class :
FIRE AND SAFETY SYSTEM

Sub Class :
<none>

<none>

<none>

<none>

<none>

Definition Any facility which are designed to protect the plant from hazards.

SYSTEM FACILITY

FIRE WATER SYSTEM
SPRINKLER AND DELUGE SYSTEM
CHEMICAL FIRE FIGHTING SYSTEM
MOBILE FIRE FIGHTING
FIRE AND GAS MONITORING SYSTEM
FIRE FIGHTING TRAINING

<none>

<none>

<none>

<none>

Definition Facilities including training area installation and simulation stations necessary for fire fighting training of personnel.

FIRE AND SAFETY SYSTEM

<none>

<none>

<none>

<none>

AREA

FIRE FIGHTING TRAINING

FIRE WATER SYSTEM

Label :

Definition The complete firewater facility

Super Class :	
FIRE AND SAFETY SYSTEM	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	FIRE WATER SYSTEM
PRESSURE	FIRE WATER SYSTEM

FISCAL PRODUCT METERING

Label :

Definition A facility for metering products prior to shipment and/or sale.

Super Class :	
SYSTEM FACILITY	
Sub Class :	
VOLUMETRIC FLOW METERING	
WEIGHT METERING	
Normally Part Of :	
<none>	
Normal Part :	
LIQUID PRESSURE INCREASE	FISCAL PRODUCT METERING
CLOSED TRANSPORT	FISCAL PRODUCT METERING
OBSTRUCTION BY SOLID	FISCAL PRODUCT METERING
DYNAMIC MEASURE	FISCAL PRODUCT METERING
Normal Connection :	
<none>	
Normal Characteristic :	
DENSITY AT T AND P	FISCAL PRODUCT METERING
DENSITY GAS	FISCAL PRODUCT METERING
DENSITY LIQUID	FISCAL PRODUCT METERING
DIFFERENTIAL PRESSURE	FISCAL PRODUCT METERING
DYNAMIC VISCOSITY	FISCAL PRODUCT METERING
FLOW RATE MASS BASIS	FISCAL PRODUCT METERING
FLOW RATE MOLE BASIS	FISCAL PRODUCT METERING
FLOW RATE VOLUME BASIS	FISCAL PRODUCT METERING
HYDROSTATIC TEST PRESSURE	FISCAL PRODUCT METERING
KINEMATIC VISCOSITY	FISCAL PRODUCT METERING

MASS
MOLECULAR WEIGHT
PRESSURE
TEMPERATURE
VELOCITY
VOLUME

FISCAL PRODUCT METERING
FISCAL PRODUCT METERING
FISCAL PRODUCT METERING
FISCAL PRODUCT METERING
FISCAL PRODUCT METERING
FISCAL PRODUCT METERING

FIXED BED SEPARATION

Label : Absorption

Definition A facility for separating two substances (often gaseous) from each other. Gases having a certain molecular size will be attached (absorbed) to solids having the ability to absorb the molecule. When the solids are saturated, the solids often have to be dried (regenerated).

Super Class :
PHYSICAL SEPARATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
FLOW RATE
PRESSURE
TEMPERATURE

FLUID SEPARATION
FLUID TRANSFORM
FLUID TRANSFORM

FIXED STRUCTURE

Label :

Definition A facility which is a structure located at the sea bottom, and fixed at the location to the sea bottom by piles, its gravity etc.

Super Class :
SUBSTRUCTURE

Sub Class :
GRAVITY BASED STRUCTURE
JACKET STRUCTURE
JACKUP STRUCTURE
COMPLIANT TOWER STRUCTURE

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

FLARE BOOM

Label :

Definition A facility structure to position the flaretip at a safe distance from the production platform.

Super Class :

DECK ANCILLIARIES

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

```
<none>
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FLARE VENT AND BLOWDOWN

Label :

Definition This systems cover the "hot" disposal of relieved hydrocarbons (liquid or vapour) by burning them at a safe location.

Super Class :

SYSTEM FACILITY

Sub Class :

ATMOSPHERIC VENTING

HIGH PRESSURE RELIEF

LOW PRESSURE RELIEF

LIQUID BURNER SYSTEM

Normally Part Of :

<none>

Normal Part :

CLOSED TRANSPORT	FLARE VENT AND BLOWDOWN
OBSTRUCTION BY SOLID	FLARE VENT AND BLOWDOWN

CLOSED TRANSPORT	FLARE VENT AND BLOWDOWN
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OBSTRUCTION BY SOLID	FLARE VENT AND BLOWDOWN
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Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

FLOW RATE

PRESSURE FLARE VENT AND BLOWDOWN

PRESSURE FLARE VENT AND BLOWDOWN

TEMPERATURE FLARE VENT AND BLOWDOWN

TEMPERATURE FLARE VENT AND BLOWDOWN

FLASH SEPARATION

Label :

Definition A facility separating gas and liquid by lowering the pressure and flashing the gas from the liquid.

Super Class :

PHYSICAL SEPARATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

PRESSURE

TEMPERATURE

FLUID SEPARATION

FLUID TRANSFORM

FLUID TRANSFORM

FLOATING STRUCTURE

Label :

Definition A facility which describe an installation located on the surface of the sea, and is moveable. Supposed to be fixed to the sea bottom by anchor chains or tension legs.

Super Class :

SUBSTRUCTURE

Sub Class :

TENSION LEG PLATFORM STRUCTURE

SEMI SUBMERSIBLE STRUCTURE

PRODUCTION SHIP STRUCTURE

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

FLOOR

Label :

Definition A facility where anything restor any operations are performed.
The lower supporting surface of a room, etc.

Super Class :
ARCHITECTURE STRUCTURAL FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

FLOTATION

Label :

Definition A facility used for separating two substances apart.

Super Class :
GRAVITY SEPARATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

DENSITY GAS	GRAVITY SEPARATION
DENSITY LIQUID	GRAVITY SEPARATION
DENSITY SOLID	GRAVITY SEPARATION
FLOW RATE	FLUID SEPARATION
LIQUID RECIDENCE TIME	GRAVITY SEPARATION
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

FLOW CONTROL

Label :

Definition A function used to monitor and control the flow of fluid.

Super Class :
CONTROL

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :

TRANSMITTER	CONTROL
-------------	---------

SENSOR	CONTROL
Normal Connection :	
<none>	
Normal Characteristic :	
CHARACTERISTIC VALUE	CONTROL
INPUT SIGNAL	CONTROL
OUTPUT SIGNAL	CONTROL

FLOW CONTROLLER

Label :

Definition A facility which operates automatically to affect a controlled flow rate by comparing the value of the controlled flow rate with the value of a reference flow rate in order to reduce the difference between them.

Super Class :
CONTROLLER

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

FLOW INDICATOR

Label :

Definition A facility to give a visual indication of mass or volume per time unit of a fluid passing through an open or closed conduit.

Super Class :
INDICATOR

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

RANGE	INDICATOR
SCALE	INDICATOR

FLUID CONDUCTOR

Label:

Definition	A facility transporting fluid from a well up to the topside platform. Normally preinstalled inside a substructure or at field location, after piling of jacket, conductors are driven/drilled to required depths. Conductors act as Production Riser
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Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

FLUID MEASURE

Label :

Definition A facility to meter the condition, state or amount of a substance pr time unit at any phase.

Super Class :
MEASURE AND CONTROL

Sub Class :
DYNAMIC MEASURE
STATIC MEASURE

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
CALIBRATED RANGE	FLUID MEASURE
COUNT RATE	FLUID MEASURE
FLOW RATE MASS BASIS	FLUID MEASURE
FLOW RATE VOLUME BASIS	FLUID MEASURE
MEASURE	FLUID MEASURE

FLUID MERGE

Label :

Definition Function intended to mix two or several substances/materials together. This may be done by merging the streams together or by stirring the materials together in a tank.

Super Class :

FLUID TRANSFORM

Sub Class :

GAS INTO GAS

GAS INTO LIQUID

LIQUID INTO GAS

SOLID INTO GAS

SOLID INTO LIQUID

LIQUID INTO LIQUID

Normally Part Of :

AMMONIA INFIX SYSTEM

ANTIFOAM INFIX SYSTEM

BIOCID INFIX SYSTEM

BLENDING SYSTEM

CHEMICAL INJECTION SYSTEM

CHLORINATION

CORROSION INHIBITOR INFIX SYSTEM

DE EMULSIFIER INFIX SYSTEM

DEHYDRATION

GLYCOL REGENERATION

METHANOL INJECTION

OTHER CHEMICAL INJECTION

OXYGEN SCAVENGER

POLYELECTROLYTE

SCALE INHIBITOR

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

DIFFERENTIAL PRESSURE

PRESSURE

TEMPERATURE

FLUID MERGE

FLUID TRANSFORM

FLUID TRANSFORM

FLUID OBSTRUCTION

Label :

Definition A facility that create an obstruction in a stream of a flowing fluid. The obstruction can be partly or absolute, all dependent of the purpose. The function is often performed by a valve.

Super Class :

FLUID OPERATION

Sub Class :

OBSTRUCTION BY GAS

OBSTRUCTION BY LIQUID

OBSTRUCTION BY SOLID

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

COMPRESSION RATIO	FLUID OBSTRUCTION
DESIGN PRESSURE	FLUID OBSTRUCTION
DESIGN TEMPERATURE	FLUID OBSTRUCTION
FLOW RATE MASS BASIS	FLUID OBSTRUCTION
FLOW RATE MOLE BASIS	FLUID OBSTRUCTION
FLOW RATE VOLUME BASIS	FLUID OBSTRUCTION
MAXIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MAXIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MAXIMUM DIFFERENTIAL PRESSURE	FLUID OBSTRUCTION
MAXIMUM FLOW	FLUID OBSTRUCTION
MINIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MINIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MOLECULAR WEIGHT	FLUID OBSTRUCTION
OPERATING PRESSURE	FLUID OBSTRUCTION
OPERATING TEMPERATURE	FLUID OBSTRUCTION
OUTLET PRESSURE	FLUID OBSTRUCTION
PRESSURE DROP GRADIENT	FLUID OBSTRUCTION
TEMPERATURE DROP	FLUID OBSTRUCTION
VELOCITY	FLUID OBSTRUCTION

FLUID OPERATION

Label :

Definition Class made for grouping all facilities that has to do with the fundamental treatment of all substances behaving like fluids.

Super Class :

UNIT OPERATION

Sub Class :

FLUID TRANSPORT
FLUID STORAGE
FLUID TOFROM MECHANICAL POWER CONVERTER
FLUID OBSTRUCTION
FLUID TRANSFORM
FLUID TOFROM FLUID POWER CONVERTER

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

FLUID PORT

Label :

Definition A facility that permits fluid transfer to another facility.

Super Class :		
PORT		
Sub Class :		
LIQUID INLET PORT		
LIQUID OUTLET PORT		
GAS INLET PORT		
GAS OUTLET PORT		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
TRANSPORT PIPEWAYS		FLUID PORT
Normal Characteristic :		
FLOW RATE		FLUID PORT

FLUID PURIFIER

Label :

Definition Function removing (solid) substances from a liquid stream, usually giving the liquid stream a higher quality and value.

Super Class :		
PHYSICAL SEPARATION		
Sub Class :		
<none>		
Normally Part Of :		
CONDENSATE SYSTEM		
DIESEL OIL FACILITY		
GASEOUS FUEL SYSTEM		
HIGH PRESSURE FUEL GAS		
HIGH PRESSURE STEAM		
LIQUID FUEL SYSTEM		
LOW PRESSURE FUEL GAS		
LOW PRESSURE STEAM		
MEDIUM PRESSURE STEAM		
STEAM SYSTEM		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
AREA		FLUID PURIFIER
FLOW RATE		FLUID SEPARATION
MESH DENSITY		FLUID PURIFIER
PRESSURE		FLUID TRANSFORM
TEMPERATURE		FLUID TRANSFORM

FLUID SEPARATION

Label :

Definition A facility for separating a fluid or fluid substance into several parts.

Super Class :		
FLUID TRANSFORM		
Sub Class :		
PHYSICAL SEPARATION		
ELECTRO MAGNETIC SEPARATION		
MOLECULAR DEMOLITION		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE	FLUID SEPARATION	
PRESSURE	FLUID TRANSFORM	
TEMPERATURE	FLUID TRANSFORM	

FLUID STORAGE

Label :

Definition A facility for storing gases, liquids and solids.

Super Class :		
FLUID OPERATION		
Sub Class :		
ATMOSPHERIC STORAGE		
NON ATMOSPHERIC STORAGE		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
VOLUME	FLUID STORAGE	

FLUID TOFROM FLUID POWER CONVERTER

Label :

Definition A device transferring energy from one fluid to another. The transferred energy can be both kinetic or heat.

Super Class :	
FLUID OPERATION	
Sub Class :	
EJECTOR	
ACCUMULATOR	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
DENSITY AT T AND P	FLUID TOFROM FLUID POWER CONVERTER
ENERGY	FLUID TOFROM FLUID POWER CONVERTER
FORCE	FLUID TOFROM FLUID POWER CONVERTER
FORCE AREA	FLUID TOFROM FLUID POWER CONVERTER
OPERATIONAL RATED DUTY	FLUID TOFROM FLUID POWER CONVERTER
POWER	FLUID TOFROM FLUID POWER CONVERTER

FLUID TOFROM MECHANICAL POWER CONVERTER

Label :

Definition Functions which transform internal chemical fluid energy (combustion) into mechanical energy or mechanical energy into fluids. This facility is also valid for transferring kinetic energy (hydraulic) from fluids into mechanical energy.

Super Class :	
FLUID OPERATION	
POWER OPERATION	
Sub Class :	
COMBUSTION	
EXPANSION	
HYDRAULIC TO MECHANICAL POWER CONVERTER	
PNEUMATIC TO MECHANICAL POWER CONVERTER	
SILENCER	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
ENERGY	FLUID TOFROM MECHANICAL POWER CONVERTER
FORCE	FLUID TOFROM MECHANICAL POWER CONVERTER
OPERATIONAL RATED DUTY	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER CONSUMPTION	FLUID TOFROM MECHANICAL POWER CONVERTER
SHAFT POWER	FLUID TOFROM MECHANICAL POWER CONVERTER

FLUID TRANSFORM

Label :

Definition A facility to alter the condition or the state of a fluid. This altering includes all types of physical changes to the fluid with associated conditions.

Super Class :		
FLUID OPERATION		
Sub Class :		
PRESSURE		
TEMPERATURE		
FLUID SEPARATION		
FLUID MERGE		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
PRESSURE		FLUID TRANSFORM
TEMPERATURE		FLUID TRANSFORM

FLUID TRANSPORT

Label :

Definition A function intended to transport substances that behaves as fluid from one unit of operation to another without the intention of altering the fluid's composition, flow rate or state.

Super Class :		
FLUID OPERATION		
Sub Class :		
CLOSED TRANSPORT		
OPEN TRANSPORT		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
VOLUME FLOW CAPACITY		FLUID TRANSPORT

FLUORIDE STRESS CORROSION CRACKING

Label :

Definition Type of stress corrosion

Super Class :

STRESS DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

FORGED NODE

Label :

Definition A facility serving the function of connection structural members and thereby joining structural forces.
The facility is made by forging and welding.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

FOUNDATION SKIRT

Label :

Definition A facility to fix subsea structures to the seabed.
Used in connectio with mudmats and piles.
Normally big diameter tubulars or plates driven into the soil.

Super Class :

SKIRT

Sub Class :

<none>

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

FRESHWATER COOLING

Label :

Definition Cooling system using fresh water to transfer heat.

Super Class :
COOLING SYSTEM
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
LIQUID PRESSURE INCREASE FRESHWATER COOLING
CLOSED TRANSPORT FRESHWATER COOLING
OBSTRUCTION BY SOLID FRESHWATER COOLING
Normal Connection :
<none>
Normal Characteristic :
FLOW RATE COOLING SYSTEM
HEAT FLUX COOLING SYSTEM
HEAT TRANSFER COEFFICIENT COOLING SYSTEM
OPERATIONAL RATED DUTY COOLING SYSTEM
PRESSURE COOLING SYSTEM
TEMPERATURE COOLING SYSTEM

FRESHWATER SUPPLY

Label :

Definition Facility to supply fresh water (raw) for general plant use.

Super Class :
WATER SYSTEM
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :

FLOW RATE
FLOW RATE

WATER SYSTEM
FRESHWATER SUPPLY

FRETTING

Label :

Definition Type of mechanical degradation of a material

Super Class :

MECHANICAL DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

FUEL SYSTEM

Label :

Definition Part of the feed stock or excess down stream products are used to provide firing fuel for miscellaneous heating applications in a plant area.

Super Class :

SYSTEM FACILITY

Sub Class :

LIQUID FUEL SYSTEM
GASEOUS FUEL SYSTEM
SOLID FUEL SYSTEM
MIXED FUEL SYSTEM

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

FUEL SYSTEM

GALVANIC CORROSION

Label :

Definition Type of corrosion

Super Class :

DEGRADATION BY CORROSION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

CORROSION RATE

DEGRADATION BY CORROSION

GAS COMPRESSION

Label :

Definition A facility system for increasing the pressure of a stream/flow of gas .

Super Class :

SYSTEM FACILITY

Sub Class :

<none>

Normally Part Of :

GAS RECOMPRESSION

GAS TRANSPORT PIPELINE FACILITY

RESERVOIR GAS INJECTION SYSTEM

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

COMPRESSION RATIO

GAS COMPRESSION

GAS INLET PORT

Label :

Definition A facility which allows gas to enter an equipment.

Super Class :

FLUID PORT

Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
TRANSPORT PIPEWAYS FLUID PORT
Normal Characteristic :
FLOW RATE FLUID PORT

GAS INTO GAS

Label :

Definition A function mixing gas phase into gas phase or vice versa.

Super Class :
FLUID MERGE
Sub Class :
<none>
Normally Part Of :
HIGH PRESSURE RELIEF
LOW PRESSURE RELIEF
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
DIFFERENTIAL PRESSURE FLUID MERGE
PRESSURE FLUID TRANSFORM
TEMPERATURE FLUID TRANSFORM

GAS INTO LIQUID

Label :

Definition A function mixing gas phase into liquid phase.

Super Class :
FLUID MERGE
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
DIFFERENTIAL PRESSURE FLUID MERGE
PRESSURE FLUID TRANSFORM

TEMPERATURE

FLUID TRANSFORM

GAS OUTLET PORT

Label :

Definition A facility which allows gas to exit an equipment.

Super Class :

FLUID PORT

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

TRANSPORT PIPEWAYS

FLUID PORT

Normal Characteristic :

FLOW RATE

FLUID PORT

GAS PRESSURISED STORAGE

Label :

Definition A facility class including the storage of gases in "large quanta", which normally are stored in liquefied condition.

Super Class :

PRODUCT STORAGE

Sub Class :

ABOVE GROUND STORAGE

UNDERGROUND STORAGE

Normally Part Of :

<none>

Normal Part :

PRESSURIZED CONTAINMENT

TANK STORAGE

LIQUID PRESSURE INCREASE

CLOSED TRANSPORT

OBSTRUCTION BY SOLID

PRESSURIZED CONTAINMENT

TANK STORAGE

PRODUCT STORAGE

PRODUCT STORAGE

PRODUCT STORAGE

PRODUCT STORAGE

PRODUCT STORAGE

GAS PRESSURISED STORAGE

GAS PRESSURISED STORAGE

Normal Connection :

<none>

Normal Characteristic :

<none>

GAS RECOMPRESSION

Label :

Definition Services for scrubbing, recompressing and cooling of gas.

Super Class :

SYSTEM FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

GAS SCRUBBING

GAS RECOMPRESSION

GAS COMPRESSION

GAS RECOMPRESSION

Normal Connection :

<none>

Normal Characteristic :

<none>

GAS SCRUBBING

Label :

Definition Service including purifying a gas (remove small droplets) by routing the gas through a separator. Often placed up stream compressors. For other purposes the purifying can also be made by putting the gas through water or chemical wash.

Super Class :

SYSTEM FACILITY

Sub Class :

<none>

Normally Part Of :

GAS RECOMPRESSION

GAS TRANSPORT PIPELINE FACILITY

GAS TREATMENT

HIGH PRESSURE FUEL GAS

LOW PRESSURE FUEL GAS

RESERVOIR GAS INJECTION SYSTEM

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

GAS SWEETENING

Label :

Definition Service for removal of sour substances as H2S and CO2.

Super Class :

SYSTEM FACILITY

Sub Class :

H2S REMOVAL FACILITY

CO2 REMOVAL FACILITY

Normally Part Of :

<none>

Normal Part :

H2S REMOVAL FACILITY

GAS SWEETENING

CO2 REMOVAL FACILITY

GAS SWEETENING

Normal Connection :

<none>

Normal Characteristic :

<none>

GAS TRANSPORT

Label :

Definition A facility representing transport of gas phase.

Super Class :

CONTINUOUS TRANSPORT

BATCH TRANSPORT

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

NOZZLE FACILITY

PRODUCT TRANSPORT

Normal Characteristic :

FLOW RATE

PRODUCT TRANSPORT

GAS TREATMENT

Label :

Definition Services which cools and scrub the gas, dehydrates the gas, and regenerates the dehydration media.

Super Class :

SYSTEM FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :

GLYCOL REGENERATION	GAS TREATMENT
GAS SCRUBBING	GAS TREATMENT
GAS DEHYDRATION FACILITY	GAS TREATMENT

Normal Connection :
<none>

Normal Characteristic :
<none>

GASEOUS FUEL SYSTEM

Label :

Definition A combustible gas used for fuel.

Super Class :
FUEL SYSTEM

Sub Class :
HIGH PRESSURE FUEL GAS
LOW PRESSURE FUEL GAS

Normally Part Of :
<none>

Normal Part :

PRESSURIZED CONTAINMENT	GASEOUS FUEL SYSTEM
FLUID PURIFIER	GASEOUS FUEL SYSTEM
CLOSED TRANSPORT	GASEOUS FUEL SYSTEM
OBSTRUCTION BY SOLID	GASEOUS FUEL SYSTEM

Normal Connection :
<none>

Normal Characteristic :

FLOW RATE	FUEL SYSTEM
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GENERAL INSTRUMENTS

Label :

Definition General instrumentation system which includes the control of all process parameters.

Super Class :
INSTRUMENTATION SYSTEM

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :

<none>
Normal Characteristic :
<none>

GIRDER

Label :

Definition A continious beam member, simple or built up section, running longitudinal, providing support for transverse deck or bottom beams and plates.
Girders are installed to take up lateral stress.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
PLATED GIRDER
DECK GIRDER
BOTTOM GIRDER
LOWER CHORD
UPPER CHORD

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

GLYCOL REGENERATION

Label :

Definition A facility to regenerate glycol by evaporate the solved water, filtration and distribution of glycol.

Super Class :
DEHYDRATION

Sub Class :
<none>

Normally Part Of :
GAS TREATMENT

Normal Part :
STORAGE FACILITY
DISTRIBUTION FACILITY
FLUID MERGE

GLYCOL REGENERATION
GLYCOL REGENERATION
CHEMICAL INJECTION SYSTEM

Normal Connection :
<none>

Normal Characteristic :
FLOW RATE

CHEMICAL INJECTION SYSTEM

GRAVITY BASED STRUCTURE

Label : GBS = Gravity based structure

Definition A facility which is a solid structure located at the sea bottom, and fixed at the location to the sea bottom by its own weight (gravity). i.e. GBS

Super Class :
FIXED STRUCTURE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

GRAVITY SEPARATION

Label :

Definition A facility for separation based on differential specific gravity for the substances separated.

Super Class :
PHYSICAL SEPARATION

Sub Class :
SEGREGATION
CENTRIFUGE
CYCLONE
FLOTATION

Normally Part Of :
BALLAST WATER SYSTEM
BILGE SUBSYSTEM
CLOSED DRAIN
DRAIN SYSTEM
DRAIN WATER TREATMENT
HAZARDOUS OPEN DRAIN
INERT GAS
INSTRUMENT AIR
NON HAZARDOUS OPEN DRAIN
OILY WATER TREATMENT
OPEN DRAIN
PLANT AIR
PRODUCED WATER TREATMENT
PURGE GAS
SEWAGE SYSTEM
SHALE DISPOSAL
SLUDGE TREATMENT
UTILITY GAS SYSTEM
WASTE DISPOSAL SYSTEM

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

DENSITY GAS	GRAVITY SEPARATION
DENSITY LIQUID	GRAVITY SEPARATION
DENSITY SOLID	GRAVITY SEPARATION
FLOW RATE	FLUID SEPARATION
LIQUID RECIDENCE TIME	GRAVITY SEPARATION
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

GROUT INJECTION SYSTEM

Label :

Definition A facility to inject grout to fill up hollow space.
The grout when hardend obtain contact between elements and increace strength.
F.ex. to secure piles in a jacket

Super Class :

SYSTEM FACILITY
INJECTION SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

GUIDING STAB

Label :

Definition A facility used to guide the installation of the topside facility onto the substructure.
Normaly cone shaped.

Super Class :

SUBSTRUCTURE CONNECTING FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

GUSSET PLATE

Label :

Definition A bracket plate lying in a horizontla, or nearly horizotal plane.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

H2S REMOVAL FACILITY

Label : Hydrogen sulfide

Definition A facility for removal of the component hydrogen sulfide from a gas stream to meet the required specification.

Super Class :
GAS SWEETENING

Sub Class :
<none>

Normally Part Of :
CO2 REMOVAL FACILITY
GAS SWEETENING
H2S REMOVAL FACILITY

Normal Part :
H2S REMOVAL FACILITY GAS SWEETENING
CO2 REMOVAL FACILITY GAS SWEETENING

Normal Connection :
<none>

Normal Characteristic :
<none>

HAZARDOUS AREA

Label :

Definition An area which an explosive gas mixture is expected to occur.

Super Class :

AREA CLASSIFICATION

Sub Class :

IEC HAZARDOUS AREA CLASSIFICATION

NORTH AMERICA HAZARDOUS AREA CLASSIFICATION

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

HAZARDOUS OPEN DRAIN

Label :

Definition Includes service for open drain collection, separator and pump.

Super Class :

OPEN DRAIN

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

TANK STORAGE

WASTE DISPOSAL SYSTEM

LIQUID PRESSURE INCREASE

WASTE DISPOSAL SYSTEM

GRAVITY SEPARATION

WASTE DISPOSAL SYSTEM

CLOSED TRANSPORT

WASTE DISPOSAL SYSTEM

OBSTRUCTION BY SOLID

WASTE DISPOSAL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

WASTE DISPOSAL SYSTEM

HEAT TRACING FACILITY

Label :

Definition Provides service for heat from electrical cables for heat conservation or frost proofing.

Super Class :

HEATING SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :	
FLOW RATE	HEATING SYSTEM
HEAT FLUX	HEATING SYSTEM
HEAT TRANSFER COEFFICIENT	HEATING SYSTEM
OPERATIONAL RATED DUTY	HEATING SYSTEM
PRESSURE	HEATING SYSTEM
TEMPERATURE	HEATING SYSTEM

HEATING SYSTEM

Label :

Definition Used for product heating during processing and in further treatment operations.

Super Class :
SYSTEM FACILITY

Sub Class :
HEAT TRACING FACILITY
HOT OIL HEATING
ELECTRICAL HEATING
MEDIUM HEATING

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
FLOW RATE	HEATING SYSTEM
HEAT FLUX	HEATING SYSTEM
HEAT TRANSFER COEFFICIENT	HEATING SYSTEM
OPERATIONAL RATED DUTY	HEATING SYSTEM
PRESSURE	HEATING SYSTEM
TEMPERATURE	HEATING SYSTEM

HELIDECK

Label :

Definition An open surface away for obstructions for landing helicopters

Super Class :
DECK

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

<none>

HIGH PRESSURE FUEL GAS

Label :

Definition Facility for heating, scrubbing and distribution of HC fuel gas.

Super Class :

GASEOUS FUEL SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

GAS SCRUBBING
DISTRIBUTION FACILITY
PRESSURIZED CONTAINMENT
FLUID PURIFIER
CLOSED TRANSPORT
OBSTRUCTION BY SOLID

HIGH PRESSURE FUEL GAS
HIGH PRESSURE FUEL GAS
GASEOUS FUEL SYSTEM
GASEOUS FUEL SYSTEM
GASEOUS FUEL SYSTEM
GASEOUS FUEL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

FUEL SYSTEM

HIGH PRESSURE RELIEF

Label :

Definition The process flaring systems are designed to handle safe removal of the relieved hc during process reactions, emergency situations, or shut-down/start-up operations at process pressure conditions.

Super Class :

FLARE VENT AND BLOWDOWN

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

CLOSED TRANSPORT
OBSTRUCTION BY SOLID
GAS INTO GAS

FLARE VENT AND BLOWDOWN
FLARE VENT AND BLOWDOWN
HIGH PRESSURE RELIEF

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE
PRESSURE
PRESSURE DROP GRADIENT
TEMPERATURE
TEMPERATURE DROP

FLARE VENT AND BLOWDOWN
FLARE VENT AND BLOWDOWN
HIGH PRESSURE RELIEF
FLARE VENT AND BLOWDOWN
HIGH PRESSURE RELIEF

HIGH PRESSURE STEAM

Label :

Definition Facility for generating and distribution of high pressure steam.

Super Class :

STEAM SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

LIQUID PRESSURE INCREASE	STEAM SYSTEM
FLUID PURIFIER	STEAM SYSTEM
CLOSED TRANSPORT	STEAM SYSTEM
PNEUMATIC TO MECHANICAL POWER CONVERTER	STEAM SYSTEM
LIQUID INTO GAS	STEAM SYSTEM
OBSTRUCTION BY SOLID	STEAM SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE	STEAM SYSTEM
OPERATIONAL RATED DUTY	STEAM SYSTEM
PRESSURE	STEAM SYSTEM
TEMPERATURE	STEAM SYSTEM

HOT OIL HEATING

Label :

Definition A facility system for generation and distribution of heat. The heating medium is oil for use in consumers like he at exchangers for feed stock stabilization or other mild heat treatment.

Super Class :

HEATING SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

PRESSURIZED CONTAINMENT	HOT OIL HEATING
LIQUID PRESSURE INCREASE	HOT OIL HEATING
OBSTRUCTION BY SOLID	HOT OIL HEATING

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE	HEATING SYSTEM
HEAT FLUX	HEATING SYSTEM
HEAT TRANSFER COEFFICIENT	HEATING SYSTEM
OPERATIONAL RATED DUTY	HEATING SYSTEM
PRESSURE	HEATING SYSTEM
TEMPERATURE	HEATING SYSTEM

HYDRAULIC TO MECHANICAL POWER CONVERTER

Label :

Definition Includes service for transferring hydraulic energy into mechanical energy.

Super Class :	
FLUID TOFROM MECHANICAL POWER CONVERTER	
Sub Class :	
ROTATIONAL CONVERTER	
LINEAR CONVERTER	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
ENERGY	FLUID TOFROM MECHANICAL POWER CONVERTER
FORCE	FLUID TOFROM MECHANICAL POWER CONVERTER
OPERATIONAL RATED DUTY	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER CONSUMPTION	FLUID TOFROM MECHANICAL POWER CONVERTER
SHAFT POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
VELOCITY	FLUID TOFROM MECHANICAL POWER CONVERTER

HYDROGEN EMBRITTLEMENT

Label :

Definition Type of brittle degradation of a material

Super Class :	
EMBRITTLEMENT DEGRADATION	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
<none>	

I/P CONVERTER

Label :

Definition A facility intended to convert a current signal to a pressure signal

Super Class :

SIGNAL CONVERTER

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

IEC HAZARDOUS AREA CLASSIFICATION

Label :

Definition Classification of hazardous areas according to IEC/CENELEC.

Super Class :

HAZARDOUS AREA

Sub Class :

ZONE 0 (GASES)

ZONE 1 (GASES)

ZONE 2 (GASES)

ZONE Z (10) (DUSTS)

ZONE Y (11) (DUSTS)

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

IMPORT RISER

Label :

Definition Includes service for a pipe through which liquid or gas flows to or is imported to the facility. Often the connector between a subsea pipeline and the topside process on a platform.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

INDICATOR

Label :

Definition A device which gives a visual indication of measured value

Super Class :
CONTROL ELEMENTS

Sub Class :
LEVEL INDICATOR
TEMPERATURE INDICATOR
PRESSURE INDICATOR
FLOW INDICATOR

Normally Part Of :
MONITORING

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

RANGE	INDICATOR
SCALE	INDICATOR

INERT GAS

Label :

Definition The system supplies gas used for purging and seal various types of plant installations. Also back up for instrument gas (air) in case of failure.

Super Class :
UTILITY GAS SYSTEM

Sub Class :
PURGE GAS

Normally Part Of :
<none>

Normal Part :

PRESSURIZED CONTAINMENT	UTILITY GAS SYSTEM
STATIC PRESSURE INCREASE	UTILITY GAS SYSTEM
GRAVITY SEPARATION	UTILITY GAS SYSTEM

CLOSED TRANSPORT
OBSTRUCTION BY SOLID
MEMBRANE SEPARATION

UTILITY GAS SYSTEM
UTILITY GAS SYSTEM
INERT GAS

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE
PRESSURE

UTILITY GAS SYSTEM
UTILITY GAS SYSTEM

INJECTION AREA

Label :

Definition A facility which is dedicated to the treatment, compression, pumping, condition and transfer of substances injected into the topside process itself, or into the reservoir.

Super Class :

TOPSIDE AREA

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

INJECTION SYSTEM

Label :

Definition System to inject a substance into a location

Super Class :

SYSTEM FACILITY

Sub Class :

RESERVOIR GAS INJECTION SYSTEM
WATER INJECTION
CHEMICAL INJECTION SYSTEM
GROUT INJECTION SYSTEM

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

INSPECTION PORT

Label :

Definition A facility which allows an equipment to be inspected.

Super Class :

PORT

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

INSTALLATION FACILITY

Label :

Definition A facility for all types of installations for petroleum exploitation, support and transportation of oil/gas products.

Super Class :

FACILITY CLASS

Sub Class :

TOPSIDE ZONE

TOPSIDE AREA

Normally Part Of :

COMMISSIONED PLANT

COMPLEX FACILITY

RESTORED SITE

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

INSTRUMENT AIR

Label :

Definition Medium for supplying power to pneumatic control systems, loops and actuator / motors. For purge protection of electrical installations in hazardous areas instrument air is generally preferred.

Super Class :

UTILITY GAS SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

PRESSURIZED CONTAINMENT
STATIC PRESSURE INCREASE
GRAVITY SEPARATION
CLOSED TRANSPORT
OBSTRUCTION BY SOLID

UTILITY GAS SYSTEM
UTILITY GAS SYSTEM
UTILITY GAS SYSTEM
UTILITY GAS SYSTEM
UTILITY GAS SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE
PRESSURE

UTILITY GAS SYSTEM
UTILITY GAS SYSTEM

INSTRUMENTATION SYSTEM

Label :

Definition Facilities that measure and control a processing plant.

Super Class :

SYSTEM FACILITY

Sub Class :

PROCESS DATA ACQUISITION AND CONTROL
GENERAL INSTRUMENTS
COMPUTER SYSTEM
ENVIRONMENTAL CONTROL SYSTEM
EMERGENCY SHUT DOWN
MARINE NAVIGATION SYSTEM

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

INTEGRATED PRODUCTION FACILITY

Label :

Definition Comprises one or more complexes / installations / geographical areas independent of organisation.

Super Class :

FACILITY CLASS

Sub Class :

<none>

Normally Part Of :

<none>
Normal Part :
COMPLEX FACILITY
Normal Connection :
<none>
Normal Characteristic :
<none>
INTEGRATED PRODUCTION FACILITY

INTERGRANULAR ATTACK SENSIT

Label :

Definition Type of stress corrosion

Super Class :
STRESS DEGRADATION
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

INTERMEDIATE DECK

Label :

Definition Deck below the top deck.
In an open truss deck frame: The deck below the upper chord.

Super Class :
DECK
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

INTERNAL STIFFENER

Label :

Definition A facility taking up forces inside a structural profile or structural node.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

```
<none>
```

ION EXCHANGE SEPARATOR

Label :

Definition A facility for purifying a liquid by ion exchange.

Super Class :

PHYSICAL SEPARATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE FLUID SEPARATION

PRESSURE FLUID TRANSFORM

TEMPERATURE FLUID TRANSFORM

FLOW RATE FLUID SEPARATION

PRESSURE FLUID TRANSFORM

TEMPERATURE FLUID TRANSFORM

J TUBE

Label :

Definition A facility serving as conduits from surface facilities down jacket structure and exiting via long radius bends to mudline/seabed for later pull-in of flowlines, pipelines and cables.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

J TUBE CAISSON

Label :

Definition A facility used to protect the J-tubes.
Normally a tubular.

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

JACKET STRUCTURE

Label :

Definition A facility consisting of a bottom founded fabricated steel framework structure with three or more legs.

Super Class :
FIXED STRUCTURE
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

JACKUP STRUCTURE

Label :

Definition A facility consisting of a mobile drilling rig with three or more legs which can be jacked up until the topside part is a safe height above the sea level.

Super Class :
FIXED STRUCTURE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

JTUBE SUPPORT

Label :

Definition A facility supporting the J tube connecting it to the J-tube support frame structure.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

JTUBE SUPPORT FRAME

Label :

Definition A facility supporting the J-tube connecting it to the main structure.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

KNEE PLATE

Label :

Definition Bracket connectin a beam and a frame

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

LADDER

Label :

Definition A device for going up and down consisting of rungs between two supports.

Super Class :
ARCHITECTURE STRUCTURAL FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

LEG

Label :

Definition Part of support for equipment

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

LEG MEMBER

Label :

Definition A facility joining two nodes in a leg

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

LEVEL CONTROL

Label :

Definition A function used to monitor and control the level of a substance behaving like a fluid into a storing device.

Super Class :

CONTROL

Sub Class :

<none>

Normally Part Of :	
<none>	
Normal Part :	
TRANSMITTER	CONTROL
SENSOR	CONTROL
Normal Connection :	
<none>	
Normal Characteristic :	
CHARACTERISTIC VALUE	CONTROL
INPUT SIGNAL	CONTROL
OUTPUT SIGNAL	CONTROL

LEVEL CONTROLLER

Label :

Definition A facility which operates automatically to affect a controlled level by comparing the value of the controlled level with the value of a reference level in order to reduce the difference between them.

Super Class :	
CONTROLLER	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
<none>	

LEVEL INDICATOR

Label :

Definition A device which gives a visual indication of the level of a substance behaving like a fluid in a storing device.

Super Class :	
INDICATOR	
Sub Class :	
<none>	
Normally Part Of :	
SEPARATION AND STABILISATION	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
RANGE	INDICATOR
SCALE	INDICATOR

LIFTING ATTACHMENT

Label :

Definition Facilities on structures, equipment etc. to attach equipment for lifting or repositioning

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
PADEYE
TRUNION

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

LINEAR CONVERTER

Label :

Definition Facility to convert internal chemical energy from a fluid into mechanical energy by controlled combustion in a linear engine (i.e. the Otto process)

Super Class :
COMBUSTION
HYDRAULIC TO MECHANICAL POWER CONVERTER
PNEUMATIC TO MECHANICAL POWER CONVERTER

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

ENERGY	FLUID TOFROM MECHANICAL POWER CONVERTER
FORCE	FLUID TOFROM MECHANICAL POWER CONVERTER
FUEL CONSUMPTION	COMBUSTION
LINEAR ACCELERATION	LINEAR CONVERTER
LINEAR VELOCITY	LINEAR CONVERTER
OPERATIONAL RATED DUTY	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER CONSUMPTION	FLUID TOFROM MECHANICAL POWER CONVERTER
SHAFT POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
VELOCITY	FLUID TOFROM MECHANICAL POWER CONVERTER

LIQUEFIED GAS LOADING

Label :

Definition System which cover the loading of liquefied gases (e.g. LNG, propane, ethane and butane)

Super Class :

PRODUCT LOADING

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

PRODUCT LOADING

PRESSURE

PRODUCT LOADING

TEMPERATURE

PRODUCT LOADING

LIQUID ATMOSPHERIC STORAGE

Label :

Definition Storage facilities which cover all kind of liquids the oil industry requires.

Super Class :

PRODUCT STORAGE

Sub Class :

ABOVE GROUND STORAGE

UNDERGROUND STORAGE

Normally Part Of :

<none>

Normal Part :

PRESSURIZED CONTAINMENT

PRODUCT STORAGE

TANK STORAGE

PRODUCT STORAGE

LIQUID PRESSURE INCREASE

PRODUCT STORAGE

CLOSED TRANSPORT

PRODUCT STORAGE

OBSTRUCTION BY SOLID

PRODUCT STORAGE

PRESSURIZED CONTAINMENT

LIQUID ATMOSPHERIC STORAGE

CONTAINER STORAGE

LIQUID ATMOSPHERIC STORAGE

TANK STORAGE

LIQUID ATMOSPHERIC STORAGE

Normal Connection :

<none>

Normal Characteristic :

<none>

LIQUID BURNER SYSTEM

Label :

Definition A system designed to handle that fraction of hc liquids that can not be evaporated in the flare knock out drum.

Super Class :		
FLARE VENT AND BLOWDOWN		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
CLOSED TRANSPORT		FLARE VENT AND BLOWDOWN
OBSTRUCTION BY SOLID		FLARE VENT AND BLOWDOWN
LIQUID INTO GAS		LIQUID BURNER SYSTEM
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE		FLARE VENT AND BLOWDOWN
PRESSURE		FLARE VENT AND BLOWDOWN
TEMPERATURE		FLARE VENT AND BLOWDOWN

LIQUID CHEMICAL LOADING SYSTEM

Label :

Definition Function including all types of loading of chemical liquids necessary for operation of the plant.

Super Class :		
PRODUCT LOADING		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE		PRODUCT LOADING
PRESSURE		PRODUCT LOADING
TEMPERATURE		PRODUCT LOADING

LIQUID FUEL SYSTEM

Label :

Definition A combustible liquid used for fuel.

Super Class :		
FUEL SYSTEM		
Sub Class :		
DIESEL OIL FACILITY		
Normally Part Of :		
<none>		
Normal Part :		
TANK STORAGE		LIQUID FUEL SYSTEM
LIQUID PRESSURE INCREASE		LIQUID FUEL SYSTEM
MECHANICAL SEPARATION		LIQUID FUEL SYSTEM
FLUID PURIFIER		LIQUID FUEL SYSTEM
OBSTRUCTION BY SOLID		LIQUID FUEL SYSTEM
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE		FUEL SYSTEM

LIQUID INLET PORT

Label :

Definition A facility which allows liquid to enter an equipment.

Super Class :		
FLUID PORT		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
TRANSPORT PIPEWAYS		FLUID PORT
Normal Characteristic :		
FLOW RATE		FLUID PORT

LIQUID INTO GAS

Label :

Definition A facility to mix liquid phase into gas phase.

Super Class :
FLUID MERGE

Sub Class :
<none>

Normally Part Of :
CONDENSATE SYSTEM
HIGH PRESSURE STEAM
LIQUID BURNER SYSTEM
LOW PRESSURE STEAM
MEDIUM PRESSURE STEAM
STEAM SYSTEM

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
DIFFERENTIAL PRESSURE
PRESSURE
TEMPERATURE

FLUID MERGE
FLUID TRANSFORM
FLUID TRANSFORM

LIQUID INTO LIQUID

Label :

Definition A facility to mix liquid phase substance into liquid phase substance or vice versa.

Super Class :
FLUID MERGE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
DIFFERENTIAL PRESSURE
PRESSURE
TEMPERATURE

FLUID MERGE
FLUID TRANSFORM
FLUID TRANSFORM

LIQUID METAL EMBRITTLEMENT

Label :

Definition Type of brittle degradation of a material

Super Class :
EMBRITTLEMENT DEGRADATION

Sub Class :
<none>

Normally Part Of :

<none>
Normal Part :
 <none>
Normal Connection :
 <none>
Normal Characteristic :
 <none>

<none>

Label :

FLUID PORT

Label :

<none>

LIQUID PRESSURE INCREASE

Label :

Definition A facility for increasing the pressure in a liquid fluid by adding mechanical work into it.

Super Class :
PRESSURE INCREASE

Sub Class :
DYNAMIC
POSITIVE DISPLACEMENT

Normally Part Of :
ABOVE GROUND STORAGE
ABOVE GROUND STORAGE
BALLAST WATER SYSTEM
BILGE SUBSYSTEM
CLOSED DRAIN
CONDENSATE SYSTEM
DIESEL OIL FACILITY
DRAIN SYSTEM
DRAIN WATER TREATMENT
FISCAL PRODUCT METERING
FRESHWATER COOLING
GAS PRESSURISED STORAGE
HAZARDOUS OPEN DRAIN
HIGH PRESSURE STEAM
HOT OIL HEATING
LIQUID ATMOSPHERIC STORAGE
LIQUID FUEL SYSTEM
LOW PRESSURE STEAM
MEDIUM PRESSURE STEAM
NON HAZARDOUS OPEN DRAIN
OILY WATER TREATMENT
OPEN AIR STORAGE
OPEN DRAIN
PRODUCED WATER TREATMENT
PRODUCT STORAGE
SEAWATER COOLING
SEWAGE SYSTEM
SHALE DISPOSAL
SILO OR CONTAINER STORAGE
SLUDGE TREATMENT
SOLIDS STORAGE
STEAM SYSTEM
UNDERGROUND STORAGE
UNDERGROUND STORAGE
VOLUMETRIC FLOW METERING
WAREHOUSE OR SHELTERED STORAGE
WASTE DISPOSAL SYSTEM
WEIGHT METERING

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
COMPRESSION RATIO	PRESSURE INCREASE
PRESSURE	FLUID TRANSFORM
PRESSURE RAISE	PRESSURE INCREASE
TEMPERATURE	FLUID TRANSFORM

LIQUID TRANSPORT

Label :

Definition A facility representing transport of liquid phase.

Super Class :

CONTINOUS TRANSPORT
BATCH TRANSPORT

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

NOZZLE FACILITY

PRODUCT TRANSPORT

Normal Characteristic :

FLOW RATE

PRODUCT TRANSPORT

LIVING QUARTER AREA

Label :

Definition A facility of a permanent living quarter which provides space for bedrooms, kitchen, cafeteria, laundry, recreation rooms and offices.

Super Class :

TOPSIDE AREA

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

LIVING QUARTER STRUCTURE

Label :

Definition The structural facilities of the living quarter

Super Class :

MODULE STRUCTURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

LOAD TRANSFER FRAME

Label :

Definition A facility installed on top of jacket, GBS, compliant tower etc. to transfere loads from the deck structure tu the substructure.
Built as a steel space frame from standard or prefabricated profiles.

Super Class :

TOPSIDE DECK STRUCTURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

LOGIC SCHEME

Label :

Definition A facility for defining the sequence or pattern.

Super Class :

MEASURE AND CONTROL

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

LONGITUDINAL

Label :

Definition Longitudinal structural shape or plate member attached to the underside of deck, flats or to inner bottom, or on the inboard side of the shell plating, in association with widely spaced transverses, in the longitudinal framing system.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

LOW PRESSURE FUEL GAS

Label :

Definition Include service for heating, scrubbing and distribution.

Super Class :
GASEOUS FUEL SYSTEM

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :

GAS SCRUBBING	LOW PRESSURE FUEL GAS
DISTRIBUTION FACILITY	LOW PRESSURE FUEL GAS
PRESSURIZED CONTAINMENT	GASEOUS FUEL SYSTEM
FLUID PURIFIER	GASEOUS FUEL SYSTEM
CLOSED TRANSPORT	GASEOUS FUEL SYSTEM
OBSTRUCTION BY SOLID	GASEOUS FUEL SYSTEM

Normal Connection :
<none>

Normal Characteristic :

FLOW RATE	FUEL SYSTEM
-----------	-------------

LOW PRESSURE RELIEF

Label :

Definition The low pressure system is designed to collect and handle the removal of low pressure hc independent of the high pressure process system.

Super Class :	
FLARE VENT AND BLOWDOWN	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
CLOSED TRANSPORT	FLARE VENT AND BLOWDOWN
OBSTRUCTION BY SOLID	FLARE VENT AND BLOWDOWN
GAS INTO GAS	LOW PRESSURE RELIEF
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	FLARE VENT AND BLOWDOWN
PRESSURE	FLARE VENT AND BLOWDOWN
PRESSURE DROP GRADIENT	LOW PRESSURE RELIEF
TEMPERATURE	FLARE VENT AND BLOWDOWN
TEMPERATURE DROP	LOW PRESSURE RELIEF

LOW PRESSURE STEAM

Label :

Definition Facility for generating and distribution of low pressure steam.

Super Class :	
STEAM SYSTEM	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
LIQUID PRESSURE INCREASE	STEAM SYSTEM
FLUID PURIFIER	STEAM SYSTEM
CLOSED TRANSPORT	STEAM SYSTEM
PNEUMATIC TO MECHANICAL POWER CONVERTER	STEAM SYSTEM
LIQUID INTO GAS	STEAM SYSTEM
OBSTRUCTION BY SOLID	STEAM SYSTEM
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	STEAM SYSTEM
OPERATIONAL RATED DUTY	STEAM SYSTEM
PRESSURE	STEAM SYSTEM
TEMPERATURE	STEAM SYSTEM

LOWER CHORD

Label :

Definition The lower horizontal series of truss members acting as a horizontal support of vertical members and trusses.
Also called: Bottom Chord
The parallel upper truss members ref Upper chord.

Super Class :

GIRDER

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

LOWER YOKE PLATE

Label :

Definition A facility joining and carrying piles.
The lower yoke plate in a pile cluster

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

MAIN DECK

Label :

Definition The upper deck.
Can partly be, or be below, the weatherdeck.

Super Class :

DECK

Sub Class :

<none>

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

MAN HOLE

Label :

Definition A structural opening giving inspection access by man

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

MAN HOLE HATCH

Label :

Definition A facility to cover a man hole

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

MARINE NAVIGATION SYSTEM

Label :

Definition Marine navigation guide system.

Super Class :
INSTRUMENTATION SYSTEM

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

MASS MEASURE

Label :

Definition A facility for measuring the mass or mass flow of any fluid or solid.

```
Super Class :
    DYNAMIC MEASURE
    STATIC MEASURE
```

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
CALIBRATED RANGE	FLUID MEASURE
COUNT RATE	FLUID MEASURE
FLOW RATE MASS BASIS	FLUID MEASURE
FLOW RATE VOLUME BASIS	FLUID MEASURE
MEASURE	FLUID MEASURE

MEASURE AND CONTROL

Label :

Definition Facilities to measure and control oil- and gas processes.

Super Class :

FACILITY CLASS

Sub Class :

CONTROL
MONITORING
FLUID MEASURE
LOGIC SCHEME
RECORDING
CONTROL ELEMENTS
CONTROL LOOP
OPEN LOOP

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

MECHANICAL DEGRADATION

Label :

Definition A function which decrease the value or lower the functionality of a material or a product made by material.

Super Class :

DEGRADATION FACILITY

Sub Class :

CAVITATION
CREEP RUPTURE
EROSION
FATIGUE
FRETTING
THERMAL FATIGUE

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

MECHANICAL SEPARATION

Label :

Definition Facility for mechanical separation of substances (i.e. foam from the top of liquids).

Super Class :		
PHYSICAL SEPARATION		
Sub Class :		
MEMBRANE SEPARATION		
Normally Part Of :		
DIESEL OIL FACILITY		
LIQUID FUEL SYSTEM		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE		FLUID SEPARATION
PRESSURE		FLUID TRANSFORM
TEMPERATURE		FLUID TRANSFORM

MEDIUM HEATING

Label :

Definition A system which uses feed stock as heating of other feed stock streams by exchange of heat in a counter currently h eat exchanger.

Super Class :		
HEATING SYSTEM		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
PRESSURIZED CONTAINMENT		MEDIUM HEATING
CLOSED TRANSPORT		MEDIUM HEATING
OBSTRUCTION BY SOLID		MEDIUM HEATING
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE		HEATING SYSTEM
HEAT FLUX		HEATING SYSTEM
HEAT TRANSFER COEFFICIENT		HEATING SYSTEM
OPERATIONAL RATED DUTY		HEATING SYSTEM
PRESSURE		HEATING SYSTEM
TEMPERATURE		HEATING SYSTEM

MEDIUM PRESSURE STEAM

Label :

Definition Facility for generating and distribution of medium pressure steam.

Super Class :

STEAM SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

LIQUID PRESSURE INCREASE	STEAM SYSTEM
FLUID PURIFIER	STEAM SYSTEM
CLOSED TRANSPORT	STEAM SYSTEM
PNEUMATIC TO MECHANICAL POWER CONVERTER	STEAM SYSTEM
LIQUID INTO GAS	STEAM SYSTEM
OBSTRUCTION BY SOLID	STEAM SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE	STEAM SYSTEM
OPERATIONAL RATED DUTY	STEAM SYSTEM
PRESSURE	STEAM SYSTEM
TEMPERATURE	STEAM SYSTEM

MEMBRANE SEPARATION

Label :

Definition Separation facility of substances in a fluid by sorting the substances after the size of their molecules through a membrane.

Super Class :

MECHANICAL SEPARATION

Sub Class :

<none>

Normally Part Of :

INERT GAS
PURGE GAS

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE	FLUID SEPARATION
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

METAL DUSTING DEGRADATION

Label :

Definition Type of material degradation. Lower the value and/or the function of a part attacked by metal dusting.

Super Class :

DEGRADATION FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

METHANOL INJECTION

Label :

Definition Includes services for methanol storage, pumping and distribution both topside and subsea.

Super Class :

OTHER CHEMICAL INJECTION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

STORAGE FACILITY

DISTRIBUTION FACILITY

SUBSEA DISTRIBUTION FACILITY

FLUID MERGE

METHANOL INJECTION

METHANOL INJECTION

METHANOL INJECTION

CHEMICAL INJECTION SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

MAXIMUM DESIGN PRESSURE

MAXIMUM DESIGN TEMPERATURE

MAXIMUM FLOW

MAXIMUM OPERATING PRESSURE

MAXIMUM OPERATING TEMPERATURE

CHEMICAL INJECTION SYSTEM

OTHER CHEMICAL INJECTION

OTHER CHEMICAL INJECTION

OTHER CHEMICAL INJECTION

OTHER CHEMICAL INJECTION

OTHER CHEMICAL INJECTION

MEZZANINE DECK

Label :

Definition An additional deck between two other deck.

Super Class :

DECK

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

Normal Connection :

<none>

Normal Characteristic :

<none>

MIXED FUEL SYSTEM

Label :

Definition A combustible mixture of liquid and gas used for fuel.

Super Class :

FUEL SYSTEM

Sub Class :

<none>

Normally Part Of :

```
<none>
```

Normal Part :

ATMOSPHERIC STORAGE MIXED FUEL SYSTEM

OPEN TRANSPORT MIXED FUEL SYSTEM

OBSTRUCTION BY SOLID	MIXED FUEL SYSTEM
----------------------	-------------------

MIXED FUEL SYSTEM

MIXED FUEL SYSTEM

MIXED FUEL SYSTEM

Normal Connection :

```
<none>
```

Normal Characteristic :

FLOW RATE	FUEL SYSTEM
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

FUEL SYSTEM

MOBILE FIRE FIGHTING

Label :

Definition The facility to combat and extinguish fires at any location. Usually provided by fire fighting trucks, foam and water tender vehicles.

Super Class :

FIRE AND SAFETY SYSTEM

<none>

<none>

```
<none>
```

<none>

<none>

Label :

CONTROL

<none>

<none>

TRANSMITTER
SENSORCONTROL
CONTROL

<none>

CHARACTERISTIC VALUE
INPUT SIGNAL
OUTPUT SIGNAL

CONTROL
CONTROL
CONTROL

Label :

TOPSIDE SUPPORT STRUCTURE

DRILLING MODULE STRUCTURE
PRODUCTION MODULE STRUCTURE
LIVING QUARTER STRUCTURE
DECK ANCILLIARIES

<none>

<none>

<none>

Normal Characteristic :

<none>

MOLECULAR DEMOLITION

Label :

Definition Facility that enables physical demolition of molecules and following separation of substances in a process stream for the purpose of changing the molecules properties.

Super Class :

FLUID SEPARATION

Sub Class :

CRACKER

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

MAXIMUM FLOW

PRESSURE

TEMPERATURE

FLUID SEPARATION

MOLECULAR DEMOLITION

FLUID TRANSFORM

FLUID TRANSFORM

MONITORING

Label :

Definition Facility for the observation of one or several parameters in i.e. a system/process or a part of a system/process to verify status and functioning

Super Class :

MEASURE AND CONTROL

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

TRANSMITTER

INDICATOR

SENSOR

MONITORING

MONITORING

MONITORING

Normal Connection :

<none>

Normal Characteristic :

INPUT SIGNAL

RANGE

MONITORING

MONITORING

MUDMAT

Label :

Definition A facility to prevent excessive jacket penetration into the soil.
Normally plane shaped steel area underneath the leg/pile cluster. Sometimes with skirts.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

MULTIPHASE TRANSPORT

Label :

Definition A facility representing transport of a mixture of several phases.

Super Class :
CONTINUOUS TRANSPORT
BATCH TRANSPORT

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :

NOZZLE FACILITY	PRODUCT TRANSPORT
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Normal Characteristic :	PRODUCT TRANSPORT
FLOW RATE	PRODUCT TRANSPORT

NAPHTHENIC ACID CORROSION

Label :

Definition	Type of corrosion
------------	-------------------

Super Class :
ACID CORROSION

Sub Class :

DEGRADATION BY CORROSION

NH₄HS CORROSION

Label:

[illegible]

Super Class :

DEGRADATION BY CORROSION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

CORROSION RATE	DEGRADATION BY CORROSION
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DEGRADATION BY CORROSION

NITRATE STRESS CORROSION CRACKING

Label :

Definition	Type of stress corrosion
-------------------	--------------------------

Super Class :

STRESS DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

NODE CAN

Label :

Definition A facility having the purpose of withstanding the longitudinal and transverse forces of a structural joint. The Can is parallel to the throughgoing axes of the node.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

<none>

<none>

<none>

<none>

Label :

Definition Storage of all substances behaving like fluids under non atmospheric pressure. This can be high pressure as well as vacuum.

FLUID STORAGE

PRESSURIZED CONTAINMENT

<none>

<none>

<none>

PRESSURE

VOLUME.

NON ATMOSPHERIC STORAGE

NON-ATMOSPHERIC FLUID STORAGE

Label :

Definition Includes service for open drain collection, separator and pump.

OPEN DRAIN

<none>

<none>

TANK STORAGE

LIQUID PRESSURE INC

GRAVITY SEPARATION

CLOSED TRANSPORT

OBSTRUCTION BY SOLID

Normal Connection :

normal Co
<none>

FLOW RATE

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM
WASTE DISPOSAL SYSTEMWASTE DISPOSAL SYSTEM
WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

NON NAPHTHENIC ACID CORROSION

Label :

Definition Type of corrosion

Super Class :

ACID CORROSION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

CORROSION RATE

DEGRADATION BY CORROSION

NORTH AMERICA HAZARDOUS AREA CLASSIFICATION

Label :

Definition Classification of hazardous areas according to standards used in North America

Super Class :

HAZARDOUS AREA

Sub Class :

DIVISION 1 (GASES AND DUSTS)

DIVISION 2 (GASES AND DUSTS)

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

NOZZLE NECK PLATE

Label :

Definition Reinforcement of vessel around nozzle.

Super Class :

REINFORCEMENT

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

NOZZLE STIFFENER

Label :

Definition Construction item intended to increase stiffness in a plate provided with a nozzle

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

OBSTRUCTION BY GAS

Label :

Definition A facility to obstruct a fluid stream partly or completely by a gas barrier.

Super Class :

FLUID OBSTRUCTION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

COMPRESSION RATIO
COMPRESSION RATIO
DENSITY GAS
DESIGN PRESSURE

FLUID OBSTRUCTION
OBSTRUCTION BY GAS
OBSTRUCTION BY GAS
FLUID OBSTRUCTION

DESIGN TEMPERATURE	FLUID OBSTRUCTION
FLOW RATE MASS BASIS	FLUID OBSTRUCTION
FLOW RATE MOLE BASIS	FLUID OBSTRUCTION
FLOW RATE VOLUME BASIS	FLUID OBSTRUCTION
MAXIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MAXIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MAXIMUM DIFFERENTIAL PRESSURE	FLUID OBSTRUCTION
MAXIMUM FLOW	FLUID OBSTRUCTION
MINIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MINIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MOLECULAR WEIGHT	FLUID OBSTRUCTION
OPERATING PRESSURE	FLUID OBSTRUCTION
OPERATING TEMPERATURE	FLUID OBSTRUCTION
OUTLET PRESSURE	FLUID OBSTRUCTION
PRESSURE	OBSTRUCTION BY GAS
PRESSURE DROP GRADIENT	FLUID OBSTRUCTION
PRESSURE DROP GRADIENT	OBSTRUCTION BY GAS
TEMPERATURE	OBSTRUCTION BY GAS
TEMPERATURE DROP	FLUID OBSTRUCTION
VELOCITY	FLUID OBSTRUCTION

OBSTRUCTION BY LIQUID

Label :

Definition A facility to obstruct a fluid stream partly or completely by a liquid barrier.

Super Class :
FLUID OBSTRUCTION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
COMPRESSION RATIO	FLUID OBSTRUCTION
COMPRESSION RATIO	OBSTRUCTION BY LIQUID
DENSITY LIQUID	OBSTRUCTION BY LIQUID
DESIGN PRESSURE	FLUID OBSTRUCTION
DESIGN TEMPERATURE	FLUID OBSTRUCTION
FLOW RATE MASS BASIS	FLUID OBSTRUCTION
FLOW RATE MOLE BASIS	FLUID OBSTRUCTION
FLOW RATE VOLUME BASIS	FLUID OBSTRUCTION
MAXIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MAXIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MAXIMUM DIFFERENTIAL PRESSURE	FLUID OBSTRUCTION
MAXIMUM FLOW	FLUID OBSTRUCTION
MINIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MINIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MOLECULAR WEIGHT	FLUID OBSTRUCTION
OPERATING PRESSURE	FLUID OBSTRUCTION
OPERATING TEMPERATURE	FLUID OBSTRUCTION
OUTLET PRESSURE	FLUID OBSTRUCTION
PRESSURE	OBSTRUCTION BY LIQUID

PRESSURE DROP GRADIENT
PRESSURE DROP GRADIENT
TEMPERATURE
TEMPERATURE DROP
VELOCITY

FLUID OBSTRUCTION
OBSTRUCTION BY LIQUID
OBSTRUCTION BY LIQUID
FLUID OBSTRUCTION
FLUID OBSTRUCTION

OBSTRUCTION BY SOLID

Label :

Definition A facility to obstruct a fluid stream partly or completely by a solid barrier.

Super Class :

FLUID OBSTRUCTION

Sub Class :

ONE WAY FLOW
BLIND

Normally Part Of :

ABOVE GROUND STORAGE
ABOVE GROUND STORAGE
ATMOSPHERIC VENTING
BALLAST WATER SYSTEM
BILGE SUBSYSTEM
CLOSED DRAIN
CONDENSATE SYSTEM
DIESEL OIL FACILITY
DRAIN SYSTEM
DRAIN WATER TREATMENT
FISCAL PRODUCT METERING
FLARE VENT AND BLOWDOWN
FRESHWATER COOLING
GAS PRESSURISED STORAGE
GASEOUS FUEL SYSTEM
HAZARDOUS OPEN DRAIN
HIGH PRESSURE FUEL GAS
HIGH PRESSURE RELIEF
HIGH PRESSURE STEAM
HOT OIL HEATING
INERT GAS
INSTRUMENT AIR
LIQUID ATMOSPHERIC STORAGE
LIQUID BURNER SYSTEM
LIQUID FUEL SYSTEM
LOW PRESSURE FUEL GAS
LOW PRESSURE RELIEF
LOW PRESSURE STEAM
MEDIUM HEATING
MEDIUM PRESSURE STEAM
MIXED FUEL SYSTEM
NON HAZARDOUS OPEN DRAIN
OILY WATER TREATMENT
OPEN AIR STORAGE
OPEN DRAIN
PIPEWAYS FLARE SYSTEM
PIPEWAYS PRODUCT
PLANT AIR
PRODUCED WATER TREATMENT

PRODUCT STORAGE
PURGE GAS
SEAWATER COOLING
SEWAGE SYSTEM
SHALE DISPOSAL
SILO OR CONTAINER STORAGE
SLUDGE TREATMENT
SOLID FUEL SYSTEM
SOLIDS STORAGE
STEAM SYSTEM
UNDERGROUND STORAGE
UNDERGROUND STORAGE
UTILITY GAS SYSTEM
VENT LINES FACILITY
VOLUMETRIC FLOW METERING
WAREHOUSE OR SHELTERED STORAGE
WASTE DISPOSAL SYSTEM
WEIGHT METERING

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

COMPRESSION RATIO	FLUID OBSTRUCTION
COMPRESSION RATIO	OBSTRUCTION BY SOLID
DENSITY SOLID	OBSTRUCTION BY SOLID
DESIGN PRESSURE	FLUID OBSTRUCTION
DESIGN TEMPERATURE	FLUID OBSTRUCTION
FLOW RATE MASS BASIS	FLUID OBSTRUCTION
FLOW RATE MOLE BASIS	FLUID OBSTRUCTION
FLOW RATE VOLUME BASIS	FLUID OBSTRUCTION
MAXIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MAXIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MAXIMUM DIFFERENTIAL PRESSURE	FLUID OBSTRUCTION
MAXIMUM FLOW	FLUID OBSTRUCTION
MINIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MINIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MOLECULAR WEIGHT	FLUID OBSTRUCTION
OPERATING PRESSURE	FLUID OBSTRUCTION
OPERATING TEMPERATURE	FLUID OBSTRUCTION
OUTLET PRESSURE	FLUID OBSTRUCTION
PRESSURE	OBSTRUCTION BY SOLID
PRESSURE DROP GRADIENT	FLUID OBSTRUCTION
PRESSURE DROP GRADIENT	OBSTRUCTION BY SOLID
TEMPERATURE	OBSTRUCTION BY SOLID
TEMPERATURE DROP	FLUID OBSTRUCTION
TEMPERATURE DROP	OBSTRUCTION BY SOLID
VELOCITY	FLUID OBSTRUCTION

OILY WATER TREATMENT

Label :

Definition Treatment of oily water from various sources in the production of oil and gas.

Super Class :

WASTE DISPOSAL SYSTEM

Sub Class :

PRODUCED WATER TREATMENT
SLUDGE TREATMENT
BILGE SUBSYSTEM

Normally Part Of :

<none>

Normal Part :

TANK STORAGE
LIQUID PRESSURE INCREASE
GRAVITY SEPARATION
CLOSED TRANSPORT
OBSTRUCTION BY SOLID

WASTE DISPOSAL SYSTEM
WASTE DISPOSAL SYSTEM
WASTE DISPOSAL SYSTEM
WASTE DISPOSAL SYSTEM
WASTE DISPOSAL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

WASTE DISPOSAL SYSTEM

ON OFF CONTROL

Label :

Definition Two step control in which one of the steps is assigned the value zero.

Super Class :

CONTROL

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

TRANSMITTER
SENSOR

CONTROL
CONTROL

Normal Connection :

<none>

Normal Characteristic :

CHARACTERISTIC VALUE
INPUT SIGNAL
OUTPUT SIGNAL

CONTROL
CONTROL
CONTROL

ONE WAY FLOW

Label :

Definition A flow restriction facility which has a closure member function which responds automatically to the flow permitting fluid to flow in one direction only.

Super Class :

CLOSED TRANSPORT
OBSTRUCTION BY SOLID

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

COMPRESSION RATIO	FLUID OBSTRUCTION
COMPRESSION RATIO	OBSTRUCTION BY SOLID
DENSITY SOLID	OBSTRUCTION BY SOLID
DESIGN PRESSURE	FLUID OBSTRUCTION
DESIGN TEMPERATURE	FLUID OBSTRUCTION
FLOW RATE MASS BASIS	FLUID OBSTRUCTION
FLOW RATE MOLE BASIS	FLUID OBSTRUCTION
FLOW RATE VOLUME BASIS	FLUID OBSTRUCTION
MAXIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MAXIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MAXIMUM DIFFERENTIAL PRESSURE	FLUID OBSTRUCTION
MAXIMUM FLOW	FLUID OBSTRUCTION
MINIMUM DESIGN PRESSURE	FLUID OBSTRUCTION
MINIMUM DESIGN TEMPERATURE	FLUID OBSTRUCTION
MOLECULAR WEIGHT	FLUID OBSTRUCTION
OPERATING PRESSURE	FLUID OBSTRUCTION
OPERATING TEMPERATURE	FLUID OBSTRUCTION
OUTLET PRESSURE	FLUID OBSTRUCTION
PRESSURE	OBSTRUCTION BY SOLID
PRESSURE DROP GRADIENT	FLUID OBSTRUCTION
PRESSURE DROP GRADIENT	OBSTRUCTION BY SOLID
TEMPERATURE	OBSTRUCTION BY SOLID
TEMPERATURE DROP	FLUID OBSTRUCTION
TEMPERATURE DROP	OBSTRUCTION BY SOLID
VELOCITY	FLUID OBSTRUCTION
VOLUME FLOW CAPACITY	FLUID TRANSPORT

OPEN AIR STORAGE

Label :

Definition Cover pre defined product dumping areas including the related facilities for moving of dumps, piling or other bulk storage handling facilities.

Super Class :

SOLIDS STORAGE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

PRESSURIZED CONTAINMENT	PRODUCT STORAGE
TANK STORAGE	PRODUCT STORAGE
LIQUID PRESSURE INCREASE	PRODUCT STORAGE
CLOSED TRANSPORT	PRODUCT STORAGE
OBSTRUCTION BY SOLID	PRODUCT STORAGE
CONTAINER STORAGE	SOLIDS STORAGE
TANK STORAGE	SOLIDS STORAGE

Normal Connection :

<none>

Normal Characteristic :

<none>

OPEN DRAIN

Label :

Definition Includes services for draining/disposal of not flammable liquids.

Super Class :

DRAIN SYSTEM

Sub Class :

NON HAZARDOUS OPEN DRAIN
HAZARDOUS OPEN DRAIN
SHALE DISPOSAL
DRAIN WATER TREATMENT

Normally Part Of :

<none>

Normal Part :

TANK STORAGE	WASTE DISPOSAL SYSTEM
LIQUID PRESSURE INCREASE	WASTE DISPOSAL SYSTEM
GRAVITY SEPARATION	WASTE DISPOSAL SYSTEM
CLOSED TRANSPORT	WASTE DISPOSAL SYSTEM
OBSTRUCTION BY SOLID	WASTE DISPOSAL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE	WASTE DISPOSAL SYSTEM
-----------	-----------------------

OPEN LOOP

Label :

Definition A signal path without feedback path

Super Class :

MEASURE AND CONTROL

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

OPEN TRANSPORT

Label :

Definition Transport of substance made in open facilities. By "open" is open to air.

Super Class :

FLUID TRANSPORT

Sub Class :

<none>

Normally Part Of :

CONVEYOR BELT SYSTEM

MIXED FUEL SYSTEM

SOLID FUEL SYSTEM

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

VOLUME FLOW CAPACITY

FLUID TRANSPORT

OPEN TRUSS DECK STRUCTURE

Label :

Definition A Model Suport Frame facility to support topside equipment constructed by prefabricated boxes and nodes, welded pr
ofiles and/or standard profiles.

Super Class :

TOPSIDE DECK STRUCTURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

OTHER CHEMICAL INJECTION

Label :

Definition Facility for all other chemical injection packages. (for uses in the various types of down stream processes or for
water make-up purposes.)

Super Class :

CHEMICAL INJECTION SYSTEM

Sub Class :	
METHANOL INJECTION	
ANTIFOAM INFIX SYSTEM	
BIOCID INFIX SYSTEM	
OXYGEN SCAVENGER	
CORROSION INHIBITOR INFIX SYSTEM	
DE EMULSIFIER INFIX SYSTEM	
SCALE INHIBITOR	
POLYELECTROLYTE	
Normally Part Of :	
<none>	
Normal Part :	
FLUID MERGE	CHEMICAL INJECTION SYSTEM
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	CHEMICAL INJECTION SYSTEM
MAXIMUM DESIGN PRESSURE	OTHER CHEMICAL INJECTION
MAXIMUM DESIGN TEMPERATURE	OTHER CHEMICAL INJECTION
MAXIMUM FLOW	OTHER CHEMICAL INJECTION
MAXIMUM OPERATING PRESSURE	OTHER CHEMICAL INJECTION
MAXIMUM OPERATING TEMPERATURE	OTHER CHEMICAL INJECTION

OVERHEAD CORROSION

Label :	
Definition Type of corrosion	

Super Class :	
DEGRADATION BY CORROSION	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
CORROSION RATE	DEGRADATION BY CORROSION

OXIDATION DEGRADATION

Label :	
Definition Degradation of a material by oxidation.	

Super Class :	
DEGRADATION FACILITY	
Sub Class :	
<none>	

<none>

<none>

<none>

<none>

Label :

Definition	Type of corrosion
------------	-------------------

DEGRADATION BY CORROSION

<none>

<none>

<none>

<none>

CORROSION RATE

DEGRADATION BY CORROSION

Label : Purging

Definition Facility for service for loading, storage, pumping and distribution of oxygen scavenger.

OTHER CHEMICAL INJECTION

<none>

<none>

STORAGE FACILITY
DISTRIBUTION FACILITY
FLUID MERGE

OXYGEN SCAVENGER
OXYGEN SCAVENGER
CHEMICAL INJECTION SYSTEM

<none>

FLOW RATE
MAXIMUM DESIGN PRESSURE
MAXIMUM DESIGN TEMPERATURE
MAXIMUM FLOW
MAXIMUM OPERATING PRESSURE

CHEMICAL INJECTION SYSTEM
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION

P/I CONVERTER

Label :

Definition A facility intended to convert a pressure signal to a current signal

Super Class :

SIGNAL CONVERTER

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PADEYE

Label :

Definition A facility used to fasten lifting or movement equipment to the structure. A padeye have hole for a shackle.

Super Class :

LIFTING ATTACHMENT

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PERCOLATION

Label :

Definition A function based on the taking in or assimilation of a gas by a liquid; soaking up of a substance by another by use of the percolation principle.

Super Class :

ABSORPTION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

PRESSURE

TEMPERATURE

FLUID SEPARATION

FLUID TRANSFORM

FLUID TRANSFORM

PHYSICAL SEPARATION

Label :

Definition Facility for division of a continuos- or batch stream of process material by "physical" means.

Super Class :

FLUID SEPARATION

Sub Class :

FIXED BED SEPARATION

MECHANICAL SEPARATION

DISTILLATION SEPARATION

GRAVITY SEPARATION

CONDENSE SEPARATION

ION EXCHANGE SEPARATOR

PHYSICAL SPLITTER

FLUID PURIFIER

FLASH SEPARATION

DEWAXING

ADSORPTION

ABSORPTION

EVAPORATION

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

PRESSURE

TEMPERATURE

FLUID SEPARATION

FLUID TRANSFORM

FLUID TRANSFORM

PHYSICAL SPLITTER

Label :

Definition Function including separation of a process stream by dividing it into two or several streams (i.e. by a tee).

Super Class :

PHYSICAL SEPARATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

PRESSURE

TEMPERATURE

FLUID SEPARATION

FLUID TRANSFORM

FLUID TRANSFORM

PILE

Label :

Definition A facility to transfere forces from the structure to the soil.
Normally tubulars made from steelplates, stabbed into the soil throught the legs (leg piles) or through the pile guides or pile sleeves (skirt piles).

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PILE CLUSTER

Label :

Definition A facility clustering foundation piles to the leg of a Jacket.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

PILE GUIDE

Label :

Definition A facility to guide the piles during piling operation.
Normally positioned above the pile cluster and having no function after the piling operation. Often removed after installation.

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

PILE SLEEVE

Label :

Definition A facility to guide the piles during piling operation.
Normally short tubulars with funnel-shaped to for guiding the piles. Located on each cornerleg at certain elevation
.

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

PIPE SUPPORT

Label :

Definition A facility supporting the pipe connecting it to the structure.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

```
<none>
```

PIPEWAYS FLARE SYSTEM

Label :

Definition Facility for flare system with the associated piping.

Super Class :

TRANSPORT PIPEWAYS

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

CLOSED TRANSPORT	PIPEWAYS FLARE SYSTEM
OBSTRUCTION BY SOLID	PIPEWAYS FLARE SYSTEM

PIPEWAYS FLARE SYSTEM

PIPEWAYS FLARE SYSTEM

Normal Connection :

FLARE VENT AND BLOWDOWN FACILITY

TRANSPORT PIPEWAYS

FLUID PORT TRANSPORT PIPEWAYS

TRANSPORT PIPEWAYS

HIGH PRESSURE FLARING FACILITY TRANSPORT PIPEWAYS

TRANSPORT PIPEWAYS

Normal Characteristic :

DESIGN PRESSURE TRANSPORT PIPEWAYS

TRANSPORT PIPEWAYS

DESIGN TEMPERATURE TRANSPORT PIPEWAYS |

TRANSPORT PIPEWAYS

FLOW RATE	TRANSPORT PIPEWAYS
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000
11000	11000
12000	12000
13000	13000
14000	14000
15000	15000
16000	16000
17000	17000
18000	18000
19000	19000
20000	20000
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93000	93000
94000	94000
95000	95000
96000	96000
97000	97000
98000	98000
99000	99000
100000	100000

TRANSPORT PIPEWAYS

PIPEWAYS NON PRODUCT

Label :

Definition Facility of transportation fluids in a pipeline which not can be considered as a process installations product. I.
e. fluids which are not intended to be a product of the processing facilities.

Super Class :

TRANSPORT PIPEWAYS

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

FLARE VENT AND BLOWDOWN FACILITY

TRANSPORT PIPEWAYS

FLUID PORT

TRANSPORT PIPEWAYS

HIGH PRESSURE FLARING FACILITY

TRANSPORT PIPEWAYS

Normal Characteristic :

DESIGN PRESSURE

TRANSPORT PIPEWAYS

DESIGN TEMPERATURE

TRANSPORT PIPEWAYS

FLOW RATE

TRANSPORT PIPEWAYS

PIPEWAYS PRODUCT

Label :

Definition Including pipe ways distribution of all products from/to the process and/or to/from storage.

Super Class :

TRANSPORT PIPEWAYS

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

CLOSED TRANSPORT

PIPEWAYS PRODUCT

OBSTRUCTION BY SOLID

PIPEWAYS PRODUCT

Normal Connection :

FLARE VENT AND BLOWDOWN FACILITY

TRANSPORT PIPEWAYS

FLUID PORT

TRANSPORT PIPEWAYS

HIGH PRESSURE FLARING FACILITY

TRANSPORT PIPEWAYS

Normal Characteristic :

DESIGN PRESSURE

TRANSPORT PIPEWAYS

DESIGN TEMPERATURE

TRANSPORT PIPEWAYS

FLOW RATE

TRANSPORT PIPEWAYS

PITTING CORROSION

Label :

Definition Type of corrosion

Super Class :

DEGRADATION BY CORROSION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

CORROSION RATE

DEGRADATION BY CORROSION

PLAN

Label :

Definition A figure or representation of anything projected on a plane or flat surface.
Normally a horisontal plane of a frame or building structure used to annotate a groop of items in that plane.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PLANT AIR

Label :

Definition A facility to supply power for all kind of functions and tools which need pressurized air as the power source.

Super Class :

UTILITY GAS SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

PRESSURIZED CONTAINMENT
STATIC PRESSURE INCREASE
GRAVITY SEPARATION
CLOSED TRANSPORT
OBSTRUCTION BY SOLID

UTILITY GAS SYSTEM
UTILITY GAS SYSTEM
UTILITY GAS SYSTEM
UTILITY GAS SYSTEM
UTILITY GAS SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE
PRESSURE

UTILITY GAS SYSTEM
UTILITY GAS SYSTEM

PLANT LIGHTING SYSTEM

Label :

Definition A facility for out door lighting applications, such as street lighting, area lighting, security lighting and equipment & aviation lighting.

Super Class :

ELECTRICAL POWER SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

ELECTRIC CAPACITY
ELECTRIC CURRENT
ELECTRIC FLUX

ELECTRICAL POWER SYSTEM
ELECTRICAL POWER SYSTEM
ELECTRICAL POWER SYSTEM

PLATED GIRDER

Label :

Definition Plate-constructed girders.

Super Class :

GIRDER

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PLATED GIRDER DECK STRUCTURE

Label :

Definition Plated girder Module Support Frams consists of single plate-constructed girders or a frame constructed by prefabricated plate girders and plated deck constructions for installation of pre-assembled packages/pancakes.

Super Class :

TOPSIDE DECK STRUCTURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PLATFORM DECK

Label :

Definition A lower deck, usually in a cargo space, which does not contribute to the longitudinal strength of the ship.

Super Class :

DECK

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PNEUMATIC TO MECHANICAL POWER CONVERTER

Label :

Definition Includes service for transferring pneumatic energy into mechanical energy. An example can be air driven tools.

Super Class :

FLUID TOFROM MECHANICAL POWER CONVERTER

Sub Class :

ROTATIONAL CONVERTER
LINEAR CONVERTER

Normally Part Of :

CONDENSATE SYSTEM
HIGH PRESSURE STEAM
LOW PRESSURE STEAM
MEDIUM PRESSURE STEAM
STEAM SYSTEM

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

ENERGY
FORCE
OPERATIONAL RATED DUTY
POWER
POWER CONSUMPTION
SHAFT POWER
VELOCITY

FLUID TOFROM MECHANICAL POWER CONVERTER
FLUID TOFROM MECHANICAL POWER CONVERTER
FLUID TOFROM MECHANICAL POWER CONVERTER
FLUID TOFROM MECHANICAL POWER CONVERTER
FLUID TOFROM MECHANICAL POWER CONVERTER
FLUID TOFROM MECHANICAL POWER CONVERTER
FLUID TOFROM MECHANICAL POWER CONVERTER

POLYELECTROLYTE

Label :

Definition A facility for loading, storage, pumping and distribution of polyelectrolyte.

Super Class :

OTHER CHEMICAL INJECTION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

STORAGE FACILITY
DISTRIBUTION FACILITY
FLUID MERGE

POLYELECTROLYTE
POLYELECTROLYTE
CHEMICAL INJECTION SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE
MAXIMUM DESIGN PRESSURE
MAXIMUM DESIGN TEMPERATURE
MAXIMUM FLOW
MAXIMUM OPERATING PRESSURE
MAXIMUM OPERATING TEMPERATURE

CHEMICAL INJECTION SYSTEM
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION
OTHER CHEMICAL INJECTION

PONTOON

Label :

Definition Horizontal closed hollow cylinder/section to act as a facility to keep a structure floating

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PORT

Label :

Definition A facility that enables a term for entrance or transfer of a medium from one facility to another

Super Class :

FACILITY CLASS

Sub Class :

FLUID PORT

ELECTRICAL PORT

INSPECTION PORT

PURGE PORT

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

POSITIVE DISPLACEMENT

Label :

Definition A facility based on positive displacement transport of substance. The facility is often related to increased pressure in the substance transported.

Super Class :

VOLUME FLOW CAPACITY

FLUID TRANSPORT

WATER SYSTEM

POTABLE WATER SYSTEM

Label :

Definition Facility for the treatment, sterilization and distribution of potable water. Potable water systems include the total sweet water distribution for the total plant and end at the various consumers point.

Super Class :

WATER SYSTEM

Sub Class :

POTABLE WATER STERILIZATION

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

WATER SYSTEM

POWER OPERATION

Label :

Definition A facility describing mechanical power source which can deliver power on a dynamic basis. I.e. always correspond to the power demand.

Super Class :

UNIT OPERATION

Sub Class :

FLUID TOFROM MECHANICAL POWER CONVERTER
ELECTRIC TOFROM MECHANICAL POWER CONVERT
DYNAMIC FORCE FACILITY
BURNING

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PRESSURE

Label :

Definition A facility related to the pressure in a system.

Super Class :

FLUID TRANSFORM

Sub Class :
PRESSURE DECREASE
PRESSURE INCREASE

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
PRESSURE FLUID TRANSFORM
TEMPERATURE FLUID TRANSFORM

PRESSURE CONTROL

Label :

Definition A facility for monitoring and controlling the pressure in a pre defined process segment.

Super Class :
CONTROL

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
TRANSMITTER CONTROL
SENSOR CONTROL

Normal Connection :
<none>

Normal Characteristic :
CHARACTERISTIC VALUE CONTROL
INPUT SIGNAL CONTROL
OUTPUT SIGNAL CONTROL

PRESSURE CONTROLLER

Label :

Definition A facility which operates automatically to affect a controlled pressure by comparing the value of the controlled pressure with the value of a reference pressure in order to reduce the difference between them.

Super Class :
CONTROLLER

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

PRESSURE DECREASE

Label :

Definition A facility for decreasing the pressure in a processing system/segment.

Super Class :	
PRESSURE	
Sub Class :	
EXPANSION	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
COMPRESSION RATIO	PRESSURE DECREASE
PRESSURE	FLUID TRANSFORM
PRESSURE DROP GRADIENT	PRESSURE DECREASE
TEMPERATURE	FLUID TRANSFORM

PRESSURE INCREASE

Label :

Definition A facility for increasing the pressure in a processing system/segment.

Super Class :	
PRESSURE	
Sub Class :	
STATIC HEIGHT	
STATIC PRESSURE INCREASE	
LIQUID PRESSURE INCREASE	
DYNAMIC PRESSURE INCREASE	
EJECTOR	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
COMPRESSION RATIO	PRESSURE INCREASE
PRESSURE	FLUID TRANSFORM
PRESSURE RAISE	PRESSURE INCREASE
TEMPERATURE	FLUID TRANSFORM

PRESSURE INDICATOR

Label :

Definition A facility to give a visual/electrical indication of the pressure in a pre defined process segment.

Super Class :		
INDICATOR		
Sub Class :		
<none>		
Normally Part Of :		
SEPARATION AND STABILISATION		
Normal Part :		
<none>		
Normal Connection :		
TRANSPORT PIPEWAYS	PRESSURE INDICATOR	
Normal Characteristic :		
RANGE	INDICATOR	
SCALE	INDICATOR	

PRESSURE MEASURE

Label :

Definition A facility for measuring the pressure of a fluid.

Super Class :		
DYNAMIC MEASURE		
STATIC MEASURE		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
CALIBRATED RANGE	FLUID MEASURE	
COUNT RATE	FLUID MEASURE	
FLOW RATE MASS BASIS	FLUID MEASURE	
FLOW RATE VOLUME BASIS	FLUID MEASURE	
MEASURE	FLUID MEASURE	

PRESSURIZED CONTAINMENT

Label :

Definition A facility which include operations like processing and storage of all substances behaving like fluids under non atmospheric pressure.

Super Class :

NON ATMOSPHERIC STORAGE

Sub Class :

<none>

Normally Part Of :

ABOVE GROUND STORAGE

ABOVE GROUND STORAGE

ABOVE GROUND STORAGE

ABOVE GROUND STORAGE

ABOVE GROUND STORAGE
GAS PRESSURISED STORAGE

GAS PRESSURISED STORAGE
GAS PRESSURISED STORAGE

GASEOUS FUEL SYSTEM

HIGH PRESSURE FUEL GAS

HOT OIL HEATING

INERT GAS

INSTRUMENT AIR

LIQUID ATMOSPHERIC STORAGE

LIQUID ATMOSPHERIC STORAGE
LIQUID ATMOSPHERIC STORAGELIQUID ATMOSPHERIC STEAM
LOW PRESSURE FUEL GAS

LOW PRESSURE F
MEDIUM HEATING

MEDIUM HEATING
OPEN AIR STORAGE

OPEN AIR
PLANT AIR

PLANT AIR
PRODUCT STORAGE

PRODUCT S
PURGE GAS

PURGE GAS
SILO OR CONTAINER STORAGE

SILS OR CONTAIN
SOLIDS STORAGE

SOLIDS STORAGE
UNDERGROUND STORAGE

UNDERGROUND STORAGE
UNDERGROUND STORAGE

UNDERGROUND STORAGE
UNDERGROUND STORAGE

UNDERGROUND STORAGE
UNDERGROUND STORAGE

UNDERGROUND STORAGE UTILITY GAS SYSTEM

UTILITY GAS SYSTEM
WAREHOUSE OR SHELTERED STORAGE

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

PRESSURE

NON ATMOSPHERIC STORAGE

VOLUME

FLUID STORAGE

PROCESS AREA

Label :

Definition A facility which is dedicated to the treatment of produced gases, liquids and sand. The purpose of the facility is to stabilize oil to required temperature vapour pressures and dry gas to specified hydrocarbon and dew point levels.

Super Class :

TOPSIDE AREA

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PROCESS CONTROL AND MONITORING

Label :

Definition A facility for manipulation and monitoring of variables influencing the behavior of a process in order to meet specified objectives.

Super Class :

SYSTEM FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PROCESS DATA ACQUISITION AND CONTROL

Label :

Definition A facility for measure & control, including the main plant computerized operational system, where all process, utility and off site activities are monitored. The system is located in the main control room.

Super Class :

INSTRUMENTATION SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PROCESS SHUT DOWN FACILITY

Label:

Definition A facility for manipulation of variables influencing the behavior of a process in order to obtain equipment protection.

Super Class :
SYSTEM FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

PRODUCED WATER TREATMENT

Label :

Definition Facilities for removing hydrocarbons from produced water by means of hydrocyclones, degassing drum and reclaimed sump.

Super Class :
OILY WATER TREATMENT

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :

TANK STORAGE	WASTE DISPOSAL SYSTEM
LIQUID PRESSURE INCREASE	WASTE DISPOSAL SYSTEM
GRAVITY SEPARATION	WASTE DISPOSAL SYSTEM
CLOSED TRANSPORT	WASTE DISPOSAL SYSTEM
OBSTRUCTION BY SOLID	WASTE DISPOSAL SYSTEM

Normal Connection :
<none>

Normal Characteristic :	
FLOW RATE	WASTE DISPOSAL SYSTEM

PRODUCT LOADING

Label :

Definition Facility for transferring products to a transportation facilities. Systems facility defined as the product transfer installations to load products onboard the shipment vessel, which can be either a sea, or a land going means of transport.

Super Class :

SYSTEM FACILITY

Sub Class :

LIQUEFIED GAS LOADING
CRUDE OIL LOADING SYSTEM
LIQUID CHEMICAL LOADING SYSTEM
BULK LOADING
DISTILLATE LOADING SYSTEM

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

PRODUCT LOADING

PRESSURE

PRODUCT LOADING

TEMPERATURE

PRODUCT LOADING

PRODUCT STORAGE

Label :

Definition Facility for the storage of gaseous, liquid and solid products.

Super Class :

SYSTEM FACILITY

Sub Class :

GAS PRESSURISED STORAGE
LIQUID ATMOSPHERIC STORAGE
SOLIDS STORAGE

Normally Part Of :

<none>

Normal Part :

PRESSURIZED CONTAINMENT

PRODUCT STORAGE

TANK STORAGE

PRODUCT STORAGE

LIQUID PRESSURE INCREASE

PRODUCT STORAGE

CLOSED TRANSPORT

PRODUCT STORAGE

OBSTRUCTION BY SOLID

PRODUCT STORAGE

Normal Connection :

<none>

Normal Characteristic :

<none>

PRODUCT TRANSPORT

Label :

Definition A defined assembly of fluid transfer facilities and unit operations (as booster compressor- or pumping stations). May be both pipeline transport or batch transport (tankers). Identified by a name. Criteria for this class is defined by the individual companies business rules.

Super Class :

FACILITY CLASS

Sub Class :

CONTINUOUS TRANSPORT
BATCH TRANSPORT

Normally Part Of :

CONDENSATE EXPORT PIPELINE FACILITY
GAS EXPORT PIPELINE FACILITY
METHANOL PIPELINE FACILITY
MULTIPHASE WELLSTREAM PIPELINE FACILITY
OIL EXPORT PIPELINE FACILITY
SEPARATION AND STABILISATION
WATER PIPELINE FACILITY

Normal Part :

<none>

Normal Connection :

NOZZLE FACILITY

PRODUCT TRANSPORT

Normal Characteristic :

FLOW RATE

PRODUCT TRANSPORT

PRODUCTION MODULE STRUCTURE

Label :

Definition The structural facilities of the production module

Super Class :

MODULE STRUCTURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

PRODUCTION SHIP STRUCTURE

Label :

Definition A facility which is a purpose built vessel (ship/barge), intended to carry topside installations.

Super Class :

FLOATING STRUCTURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>
Normal Characteristic :
<none>

PURGE GAS

Label :

Definition A facility for supplying purge gas (normally nitrogen or other inert gas) for purging of processing equipment normally exposed for HC gas.

Super Class :
INERT GAS

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :	
PRESSURIZED CONTAINMENT	UTILITY GAS SYSTEM
STATIC PRESSURE INCREASE	UTILITY GAS SYSTEM
GRAVITY SEPARATION	UTILITY GAS SYSTEM
CLOSED TRANSPORT	UTILITY GAS SYSTEM
OBSTRUCTION BY SOLID	UTILITY GAS SYSTEM
MEMBRANE SEPARATION	INERT GAS

Normal Connection :
<none>

Normal Characteristic :	
FLOW RATE	UTILITY GAS SYSTEM
PRESSURE	UTILITY GAS SYSTEM

PURGE PORT

Label :

Definition A facility which connects the purging gas facility to an equipment.

Super Class :
PORT

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

RADIO COMMUNICATION SYSTEM

Label :

Definition All wireless operated facilities.

Super Class :
COMMUNICATION SYSTEM
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

RECORDING

Label :

Definition A facility for recording data.

Super Class :
MEASURE AND CONTROL
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

REFRIGERATION

Label :

Definition A facility for refrigeration.

Super Class :
COOLING SYSTEM
Sub Class :
<none>

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
FLOW RATE COOLING SYSTEM
HEAT FLUX COOLING SYSTEM
HEAT TRANSFER COEFFICIENT COOLING SYSTEM
OPERATIONAL RATED DUTY COOLING SYSTEM
PRESSURE COOLING SYSTEM
TEMPERATURE COOLING SYSTEM

REINFORCEMENT

Label :

Definition The function of increasing the strength of the thing.

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
DOUBLING PLATE
NOZZLE NECK PLATE
REINFORCEMENT PAD
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

REINFORCEMENT PAD

Label :

Definition Plate used to distribute forces from a support point.

Super Class :
REINFORCEMENT
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :

<none>

RESERVOIR GAS INJECTION SYSTEM

Label :

Definition Service which cool and scrub, compress and route the injection gas to the well-head manifold.

Super Class :

INJECTION SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

GAS SCRUBBING
GAS COMPRESSION

RESERVOIR GAS INJECTION SYSTEM
RESERVOIR GAS INJECTION SYSTEM

Normal Connection :

<none>

Normal Characteristic :

<none>

RESTORED SITE

Label :

Definition Site restored to meet environmental requirements or site prepared for new plant.

Super Class :

COMPLEX FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

INSTALLATION FACILITY

COMPLEX FACILITY

Normal Connection :

TRANSPORT PIPEWAYS

COMPLEX FACILITY

Normal Characteristic :

<none>

RING STIFFENER

Label :

Definition A facility for internal stiffening of members and nodes. The stiffener has a closed shape in one direction.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

RISER

Label :

Definition Includes service for a pipe through which liquid or gas flows to or from from the facility. Often the connector b
etween a subsea pipeline and the topside process on a platform.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

RISER BASE

Label :

Definition A facility to connect a riser to subsea equipment

Super Class :
SUBSEA PRODUCTION STRUCTURE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

RISER SUPPORT

Label :

Definition A facility supporting the riser connecting it to the structure.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

ROOF

Label :

Definition The top covering of a building

Super Class :

ARCHITECTURE STRUCTURAL FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

ROTATIONAL CONVERTER

Label :

Definition A facility for conversion of internal chemical energy from a fluid into mechanical energy by controlled combustion in a rotational device (i.e. turbine).

Super Class :

COMBUSTION

HYDRAULIC TO MECHANICAL POWER CONVERTER

PNEUMATIC TO MECHANICAL POWER CONVERTER

Sub Class : <none>	
Normally Part Of : <none>	
Normal Part : <none>	
Normal Connection : <none>	
Normal Characteristic :	
ANGULAR VELOCITY	ROTATIONAL CONVERTER
ENERGY	FLUID TOFROM MECHANICAL POWER CONVERTER
FORCE	FLUID TOFROM MECHANICAL POWER CONVERTER
FUEL CONSUMPTION	COMBUSTION
MOMENT OF INERTIA	ROTATIONAL CONVERTER
OPERATIONAL RATED DUTY	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER CONSUMPTION	FLUID TOFROM MECHANICAL POWER CONVERTER
ROTATIONAL ACCELERATION	ROTATIONAL CONVERTER
ROTATIONAL SPEED	ROTATIONAL CONVERTER
SHAFT POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
TORQUE	ROTATIONAL CONVERTER
VELOCITY	FLUID TOFROM MECHANICAL POWER CONVERTER

ROW

Label :	
Definition	
	A vertical or vertical battered plane of a frame structure. Normally used as a group anotation of the set of elements in a that plane.

Super Class : STRUCTURAL COMPONENT FACILITY	
Sub Class : <none>	
Normally Part Of : <none>	
Normal Part : <none>	
Normal Connection : <none>	
Normal Characteristic : <none>	

SAFE AREA

Label :	
Definition	
	An area in which an explosive gas-air mixture is not likely to occur. Might also be called safe zone or safe loca tion.

Super Class : AREA CLASSIFICATION	
Sub Class : <none>	

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

SCALE INHIBITOR

Label :

Definition A facility for loading, storage, pumping and distribution of scale inhibitor.

Super Class :
OTHER CHEMICAL INJECTION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :

STORAGE FACILITY	SCALE INHIBITOR
DISTRIBUTION FACILITY	SCALE INHIBITOR
FLUID MERGE	CHEMICAL INJECTION SYSTEM

Normal Connection :
<none>

Normal Characteristic :

FLOW RATE	CHEMICAL INJECTION SYSTEM
MAXIMUM DESIGN PRESSURE	OTHER CHEMICAL INJECTION
MAXIMUM DESIGN TEMPERATURE	OTHER CHEMICAL INJECTION
MAXIMUM FLOW	OTHER CHEMICAL INJECTION
MAXIMUM OPERATING PRESSURE	OTHER CHEMICAL INJECTION
MAXIMUM OPERATING TEMPERATURE	OTHER CHEMICAL INJECTION

SEA FASTNING

Label :

Definition Facilities used to fasten equipment during sea transportation.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

<none>

SEAWATER COOLING

Label :

Definition A facility that uses sea water as the cooling medium.

Super Class :

COOLING SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

LIQUID PRESSURE INCREASE

SEAWATER COOLING

CLOSED TRANSPORT

SEAWATER COOLING

OBSTRUCTION BY SOLID

SEAWATER COOLING

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

COOLING SYSTEM

HEAT FLUX

COOLING SYSTEM

HEAT TRANSFER COEFFICIENT

COOLING SYSTEM

OPERATIONAL RATED DUTY

COOLING SYSTEM

PRESSURE

COOLING SYSTEM

TEMPERATURE

COOLING SYSTEM

SECOND DECK

Label :

Definition The deck below the main deck

Super Class :

DECK

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SEGREGATION

Label :

Definition A facility to separate of two or more substances by gravity segregation/settling in a tank.

Super Class :		
GRAVITY SEPARATION		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
DENSITY GAS		GRAVITY SEPARATION
DENSITY LIQUID		GRAVITY SEPARATION
DENSITY SOLID		GRAVITY SEPARATION
FLOW RATE		FLUID SEPARATION
LIQUID RECIDENCE TIME		GRAVITY SEPARATION
PRESSURE		FLUID TRANSFORM
TEMPERATURE		FLUID TRANSFORM

SEMI SUBMERSIBLE STRUCTURE

Label : Deep floater

Definition A facility which is a seabed anchored or dynamically positioned buoyant/compliant substructure which provides support for topside structure and equipment.

Super Class :	
FLOATING STRUCTURE	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
<none>	

SENSOR

Label :

Definition A facility for converting a input variable into a signal suitable for measurement.

Super Class :		
CONTROL ELEMENTS		
Sub Class :		
<none>		
Normally Part Of :		
CONTROL		
FLOW CONTROL		
LEVEL CONTROL		
MODULATING CONTROL		
MONITORING		
ON OFF CONTROL		
PRESSURE CONTROL		
TEMPERATURE CONTROL		
Normal Part :		
<none>		
Normal Connection :		
<none>		
Normal Characteristic :		
ACCURACY		SENSOR
OPERATING PRESSURE		SENSOR
OPERATING TEMPERATURE		SENSOR

SEPARATION AND STABILISATION

Label :

Definition Services providing separation and stabilisation of the processed fluid in the plant.

Super Class :		
SYSTEM FACILITY		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
HEAT EXCHANGER FACILITY		SEPARATION AND STABILISATION
LEVEL INDICATOR		SEPARATION AND STABILISATION
TEMPERATURE INDICATOR		SEPARATION AND STABILISATION
PRESSURE INDICATOR		SEPARATION AND STABILISATION
PRODUCT TRANSPORT		SEPARATION AND STABILISATION
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE		SEPARATION AND STABILISATION
LIQUID RECIDENCE TIME		SEPARATION AND STABILISATION
PRESSURE		SEPARATION AND STABILISATION
TEMPERATURE		SEPARATION AND STABILISATION

SERVICE PLATFORM

Label :

Definition Platform/walkway giving service access to an equipment.

Super Class :
ARCHITECTURE STRUCTURAL FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

SEWAGE SYSTEM

Label :

Definition A facility to collect, treat and dispose sewage.

Super Class :
WASTE DISPOSAL SYSTEM

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :

TANK STORAGE	WASTE DISPOSAL SYSTEM
LIQUID PRESSURE INCREASE	WASTE DISPOSAL SYSTEM
GRAVITY SEPARATION	WASTE DISPOSAL SYSTEM
CLOSED TRANSPORT	WASTE DISPOSAL SYSTEM
OBSTRUCTION BY SOLID	WASTE DISPOSAL SYSTEM

Normal Connection :
<none>

Normal Characteristic :

FLOW RATE	WASTE DISPOSAL SYSTEM
-----------	-----------------------

SHALE DISPOSAL

Label :

Definition Facility for separation and storage of shale.

Super Class :

OPEN DRAIN

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

TANK STORAGE

WASTE DISPOSAL SYSTEM

LIQUID PRESSURE INCREASE

WASTE DISPOSAL SYSTEM

GRAVITY SEPARATION

WASTE DISPOSAL SYSTEM

CLOSED TRANSPORT

WASTE DISPOSAL SYSTEM

OBSTRUCTION BY SOLID

WASTE DISPOSAL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

WASTE DISPOSAL SYSTEM

SHEAR PLATE

Label :

Definition A facility installed to take up the shear forces in a structure.
F.ex in a jacket pile cluster.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SIDE STIFFENER

Label :

Definition Construction item intended to increase stiffness in a construction with side plate.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

SIGNAL CARRIER

Label :

Definition A conductor which carries a signal between two electrical ports.

Super Class :
ELECTRICAL CONDUCTOR

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

SIGNAL CONVERTER

Label :

Definition A facility which converts one standardized transmission signal to another

Super Class :
CONTROL ELEMENTS

Sub Class :
I/P CONVERTER
P/I CONVERTER

Normally Part Of :

<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

SILENCER

Label :

Definition A facility to decrease the level of sound from a device generating noise.

Super Class :
FLUID TOFROM MECHANICAL POWER CONVERTER

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
ENERGY	FLUID TOFROM MECHANICAL POWER CONVERTER
FORCE	FLUID TOFROM MECHANICAL POWER CONVERTER
OPERATIONAL RATED DUTY	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
POWER CONSUMPTION	FLUID TOFROM MECHANICAL POWER CONVERTER
SHAFT POWER	FLUID TOFROM MECHANICAL POWER CONVERTER
VELOCITY	FLUID TOFROM MECHANICAL POWER CONVERTER

SILO OR CONTAINER STORAGE

Label :

Definition Systems cover silo/containers that are not part of warehouse and are defined as independent product storage facilities. Also including all parts of sub systems which are required to make them functioning units.

Super Class :
SOLIDS STORAGE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :	
PRESSURIZED CONTAINMENT	PRODUCT STORAGE
TANK STORAGE	PRODUCT STORAGE
LIQUID PRESSURE INCREASE	PRODUCT STORAGE
CLOSED TRANSPORT	PRODUCT STORAGE
OBSTRUCTION BY SOLID	PRODUCT STORAGE
CONTAINER STORAGE	SOLIDS STORAGE

TANK STORAGE

SOLIDS STORAGE

Normal Connection :

<none>

Normal Characteristic :

<none>

SKID

Label :

Definition A skeleton framework used to hold structural assemblies above ground to facilitate bolting, riviting or welding.
A facility intended to support other facilities.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SKIRT

Label :

Definition A facility intended to support other facilities.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

FOUNDATION SKIRT

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SLUDGE TREATMENT

Label :

Definition A facility for separation and treatment of sludge.

Super Class :		
OILY WATER TREATMENT		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
TANK STORAGE	WASTE DISPOSAL SYSTEM	
LIQUID PRESSURE INCREASE	WASTE DISPOSAL SYSTEM	
GRAVITY SEPARATION	WASTE DISPOSAL SYSTEM	
CLOSED TRANSPORT	WASTE DISPOSAL SYSTEM	
OBSTRUCTION BY SOLID	WASTE DISPOSAL SYSTEM	
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE	WASTE DISPOSAL SYSTEM	

SOLID FUEL SYSTEM

Label :

Definition A combustible solid used for fuel.

Super Class :		
FUEL SYSTEM		
Sub Class :		
<none>		
Normally Part Of :		
<none>		
Normal Part :		
ATMOSPHERIC STORAGE	SOLID FUEL SYSTEM	
OPEN TRANSPORT	SOLID FUEL SYSTEM	
OBSTRUCTION BY SOLID	SOLID FUEL SYSTEM	
Normal Connection :		
<none>		
Normal Characteristic :		
FLOW RATE	FUEL SYSTEM	

SOLID INTO GAS

Label :

Definition A facility mixing solids and gases together.

Super Class :
FLUID MERGE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

DIFFERENTIAL PRESSURE	FLUID MERGE
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

SOLID INTO LIQUID

Label :

Definition A facility mixing solids and liquids together.

Super Class :
FLUID MERGE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

DIFFERENTIAL PRESSURE	FLUID MERGE
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

SOLID TRANSPORT

Label :

Definition A facility representing transport of solid phase.

Super Class :
CONTINUOUS TRANSPORT
BATCH TRANSPORT

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
NOZZLE FACILITY PRODUCT TRANSPORT

Normal Characteristic :
FLOW RATE PRODUCT TRANSPORT

SOLIDS STORAGE

Label : Bulk storage

Definition A facility to store solid materials. Solids are to be understood as of non liquid or gaseous consistence.

Super Class :
PRODUCT STORAGE

Sub Class :
WAREHOUSE OR SHELTERED STORAGE
SILO OR CONTAINER STORAGE
OPEN AIR STORAGE

Normally Part Of :
<none>

Normal Part :

PRESSURIZED CONTAINMENT	PRODUCT STORAGE
TANK STORAGE	PRODUCT STORAGE
LIQUID PRESSURE INCREASE	PRODUCT STORAGE
CLOSED TRANSPORT	PRODUCT STORAGE
OBSTRUCTION BY SOLID	PRODUCT STORAGE
CONTAINER STORAGE	SOLIDS STORAGE
TANK STORAGE	SOLIDS STORAGE

Normal Connection :
<none>

Normal Characteristic :
<none>

SPRINKLER AND DELUGE SYSTEM

Label :

Definition A facility to extinguish fires by liquid deluge. The facility includes the complete system which normally are connected to fire detection systems.

Super Class :
FIRE AND SAFETY SYSTEM

Sub Class :
<none>

Normally Part Of :

<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
FLOW RATE SPRINKLER AND DELUGE SYSTEM
PRESSURE SPRINKLER AND DELUGE SYSTEM

STAIRCASE

Label :

Definition The structure enclosing a stair
Framwork, stair with balisters etc.

Super Class :
ARCHITECTURE STRUCTURAL FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

STATIC HEIGHT

Label :

Definition A facility that creates a pressure in the bottom of the static column dependent of the density of the fluid in the column.

Super Class :
PRESSURE INCREASE
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
COMPRESSION RATIO PRESSURE INCREASE
HEIGHT STATIC HEIGHT
PRESSURE FLUID TRANSFORM
PRESSURE RAISE PRESSURE INCREASE
TEMPERATURE FLUID TRANSFORM

STATIC MEASURE

Label :

Definition A facility used for static metering of any condition (i.e. flow, batch volume, pressure, temperature, etc.).

Super Class :

FLUID MEASURE

Sub Class :

PRESSURE MEASURE
TEMPERATURE MEASURE
MASS MEASURE
VOLUME MEASURE

Normally Part Of :

WEIGHT METERING

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

CALIBRATED RANGE	FLUID MEASURE
COUNT RATE	FLUID MEASURE
FLOW RATE MASS BASIS	FLUID MEASURE
FLOW RATE VOLUME BASIS	FLUID MEASURE
MEASURE	FLUID MEASURE

STATIC PRESSURE INCREASE

Label :

Definition A facility for increasing the pressure in a gaseous fluid.

Super Class :

PRESSURE INCREASE

Sub Class :

DYNAMIC
POSITIVE DISPLACEMENT

Normally Part Of :

INERT GAS
INSTRUMENT AIR
PLANT AIR
PURGE GAS
UTILITY GAS SYSTEM

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

COMPRESSION RATIO	PRESSURE INCREASE
PRESSURE	FLUID TRANSFORM
PRESSURE RAISE	PRESSURE INCREASE
TEMPERATURE	FLUID TRANSFORM

STEAM SYSTEM

Label :

Definition A facility for generating steam from direct fired boiler systems or waste heat recovery systems.

Super Class :	
SYSTEM FACILITY	
Sub Class :	
HIGH PRESSURE STEAM	
MEDIUM PRESSURE STEAM	
LOW PRESSURE STEAM	
CONDENSATE SYSTEM	
Normally Part Of :	
<none>	
Normal Part :	
LIQUID PRESSURE INCREASE	STEAM SYSTEM
FLUID PURIFIER	STEAM SYSTEM
CLOSED TRANSPORT	STEAM SYSTEM
PNEUMATIC TO MECHANICAL POWER CONVERTER	STEAM SYSTEM
LIQUID INTO GAS	STEAM SYSTEM
OBSTRUCTION BY SOLID	STEAM SYSTEM
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	STEAM SYSTEM
OPERATIONAL RATED DUTY	STEAM SYSTEM
PRESSURE	STEAM SYSTEM
TEMPERATURE	STEAM SYSTEM

STIFFENER

Label :

Definition An angle, T-bar, channel, built-up section, etc. used to stiffen plating of bulkhead, deck, any shell structure et c.

Super Class :	
STRUCTURAL COMPONENT FACILITY	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
<none>	

STIFFENER PLATE

Label :

Definition A facility having the function of stiffening a structure by use of a plate.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

STRAY CURRENT CORROSION

Label :

Definition Type of corrosion

Super Class :

DEGRADATION BY CORROSION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

CORROSION RATE

DEGRADATION BY CORROSION

STRESS DEGRADATION

Label :

Definition A function which decrease the value or lower the functionality of a material or a product made by material.

Super Class :

DEGRADATION FACILITY

Sub Class :

AMINE STRESS CORROSION CRACKING

BICARBONATE STRESS CORROSION CRACKING
BLISTERING
CHLORIDE STRESS CORROSION CRACKING
FLUORIDE STRESS CORROSION CRACKING
INTERGRANULAR ATTACK SENSIT
NITRATE STRESS CORROSION CRACKING
STRESS ORIENTED HIC
SULPHITE WET H2S STRESS CORROSION CRA

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

STRESS ORIENTED HIC

Label :

Definition Type of stress corrosion

Super Class :

STRESS DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

STRINGER

Label :

Definition A horisontal member in a framewoork.
A longitudinal girder running along the side of a ship at the shell.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :
<none>

STRIPPING

Label :

Definition A facility function used to make a substance poorer on a particular part of the substance. Often used in gas treatment.

Super Class :
DISTILLATION SEPARATION

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

FLOW RATE	FLUID SEPARATION
NORMAL BOILING TEMPERATURE	DISTILLATION SEPARATION
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

STRUCTURAL NODE

Label :

Definition A facility serving the function of connection structural members and thereby joining structural forces.
Normally produced of steel plates and profiles, cast or forged steel.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

STRUCTURAL COMPONENT FACILITY

Label :

Definition Facility superclass containing the functional components to be used to compose facilities. (abs)

Super Class :

UNIT OPERATION

Sub Class :

LEG
REINFORCEMENT
SKID
SKIRT
CONE
ROW
PLAN
ELEVATION PLAN
NODE CAN
STRUCTURAL NODE
STRUCTURAL STUB
LEG MEMBER
BOTTLE LEG
BRACE
STRUCTURAL MEMBER
STRUCTURAL JOINT
INTERNAL STIFFENER
RING STIFFENER
FORGED NODE
CASTED NODE
PILE CLUSTER
CAISSON
FLUID CONDUCTOR
CONDUCTOR SUPPORT
RISER SUPPORT
JTUBE SUPPORT
JTUBE SUPPORT FRAME
CAISSON SUPPORT
PIPE SUPPORT
J TUBE
EXPORT RISER
IMPORT RISER
J TUBE CAISSON
SUBSTRUCTURE CONNECTING FACILITY
SHEAR PLATE
YOKE PLATE
UPPER YOKE PLATE
LOWER YOKE PLATE
PILE SLEEVE
PILE GUIDE
STIFFENER PLATE
MUDMAT
PILE
GIRDER
DECK
TRUSS
STRINGER
STIFFENER
PONTOON
COLUMN

KNEE PLATE
LONGITUDINAL
GUSSET PLATE
BRACKET PLATE
BOTTOM STIFFENER
NOZZLE STIFFENER
SIDE STIFFENER
TOP STIFFENER
BULKHEAD
SEA FASTNING
BOUANCY TANK
CLOSURE PLATE
DIAGPHRAME
RISER
MAN HOLE
MAN HOLE HATCH
CANTILEVER
BRIDGE LANDING
LIFTING ATTACHMENT

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

STRUCTURAL FACILITY

Label :

Definition Facilities that has to take up the loads and forces (both dynamic and static) that apply to and influence an installation.

Super Class :

UNIT OPERATION

Sub Class :

SUBSTRUCTURE
TOPSIDE SUPPORT STRUCTURE
ARCHITECTURE STRUCTURAL FACILITY

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

STRUCTURAL JOINT

Label :

Definition A facility point where members joins in a framework structure taking up forces and transferring them to other members.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

STRUCTURAL MEMBER

Label :

Definition A facility connecting two structural nodes transferring the forces between the nodes.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

STRUCTURAL STUB

Label :

Definition

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

SUBSEA MANIFOLD STRUCTURE

Label :

Definition The structure used to support the piping and process equipment in a subsea installation.

Super Class :
SUBSEA PRODUCTION STRUCTURE
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

SUBSEA PRODUCTION STRUCTURE

Label :

Definition A facility located at the sea bottom.
All structure and equipment are below sealevel.

Super Class :
SUBSTRUCTURE
Sub Class :
SUBSEA SATELLITE
RISER BASE
SUBSEA PROTECTION STRUCTURE
SUBSEA MANIFOLD STRUCTURE
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

SUBSEA PROTECTION STRUCTURE

Label :

Definition The structure of a subsea unit for supporting and protection the subsea installation

Super Class :

SUBSEA PRODUCTION STRUCTURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SUBSEA SATELLITE

Label :

Definition A facility to connect wells to the main platform

Super Class :

SUBSEA PRODUCTION STRUCTURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SUBSTRUCTURE

Label :

Definition A facility having the function of supporting the plant (Topside)

Super Class :

STRUCTURAL FACILITY

Sub Class :

FLOATING STRUCTURE

FIXED STRUCTURE
SUBSEA PRODUCTION STRUCTURE

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SUBSTRUCTURE CONNECTING FACILITY

Label :

Definition A facility used to connect the substructure to the topside deck/framing.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

GUIDING STAB

BEARING

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SULPHIDISATION DEGRADATION

Label :

Definition Degradation of a material by sulphidisation.

Super Class :

DEGRADATION FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SULPHITE WET H2S STRESS CORROSION CRA

Label :

Definition Type of stress corrosion

Super Class :

STRESS DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

SYSTEM FACILITY

Label :

Definition A collection of facilities necessary to provide a discrete service to the plant independent of technology used.

Super Class :

FACILITY CLASS

Sub Class :

SEPARATION AND STABILISATION
PROCESS CONTROL AND MONITORING
PROCESS SHUT DOWN FACILITY
GAS RECOMPRESSION
GAS TREATMENT
GAS SWEETENING
CONDITION MONITORING
GAS SCRUBBING
GAS COMPRESSION
UTILITY GAS SYSTEM
FUEL SYSTEM
WASTE DISPOSAL SYSTEM
FIRE AND SAFETY SYSTEM
PRODUCT STORAGE
FISCAL PRODUCT METERING
PRODUCT LOADING
TRANSPORTATION AND PACKING
FLARE VENT AND BLOWDOWN
WATER SYSTEM
STEAM SYSTEM
HEATING SYSTEM
INSTRUMENTATION SYSTEM
COMMUNICATION SYSTEM
COOLING SYSTEM
ELECTRICAL POWER SYSTEM

GROUT INJECTION SYSTEM
INJECTION SYSTEM

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TANK STORAGE

Label :

Definition Facility for storage of all substances behaving like fluids under atmospheric pressure in a tank.

Super Class :

ATMOSPHERIC STORAGE

Sub Class :

<none>

Normally Part Of :

ABOVE GROUND STORAGE
ABOVE GROUND STORAGE
ABOVE GROUND STORAGE
ABOVE GROUND STORAGE
BALLAST WATER SYSTEM
BILGE SUBSYSTEM
CLOSED DRAIN
DIESEL OIL FACILITY
DRAIN SYSTEM
DRAIN WATER TREATMENT
GAS PRESSURISED STORAGE
GAS PRESSURISED STORAGE
HAZARDOUS OPEN DRAIN
LIQUID ATMOSPHERIC STORAGE
LIQUID ATMOSPHERIC STORAGE
LIQUID FUEL SYSTEM
NON HAZARDOUS OPEN DRAIN
OILY WATER TREATMENT
OPEN AIR STORAGE
OPEN AIR STORAGE
OPEN DRAIN
PRODUCED WATER TREATMENT
PRODUCT STORAGE
SEWAGE SYSTEM
SHALE DISPOSAL
SILO OR CONTAINER STORAGE
SILO OR CONTAINER STORAGE
SLUDGE TREATMENT
SOLIDS STORAGE
SOLIDS STORAGE
UNDERGROUND STORAGE
UNDERGROUND STORAGE
UNDERGROUND STORAGE
UNDERGROUND STORAGE
WAREHOUSE OR SHELTERED STORAGE

WAREHOUSE OR SHELTERED STORAGE
WASTE DISPOSAL SYSTEM

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

PRESSURE

RESIDENCE TIME

VOLUME

ATMOSPHERIC STORAGE

TANK STORAGE

FLUID STORAGE

TELEPHONE AND INTERCOMMUNICATION

Label :

Definition A facility which comprises all cable linked interplant communication.

Super Class :

COMMUNICATION SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TELEX AND TELEFAX SYSTEMS

Label :

Definition A facility describing linked system for telex and telefax.

Super Class :

COMMUNICATION SYSTEM

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TEMPERATURE

Label :

Definition A facility describing a super class gathering the functions related to the change of the temperature in a system.

Super Class :	
FLUID TRANSFORM	
Sub Class :	
TEMPERATURE DECREASE	
TEMPERATURE INCREASE	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
ENERGY	TEMPERATURE
ENTHALPY	TEMPERATURE
HEAT TRANSFER COEFFICIENT	TEMPERATURE
OPERATIONAL RATED DUTY	TEMPERATURE
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

TEMPERATURE CONTROL

Label :

Definition A facility that monitors and controls the temperature.

Super Class :	
CONTROL	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
TRANSMITTER	CONTROL
SENSOR	CONTROL
Normal Connection :	
<none>	
Normal Characteristic :	
CHARACTERISTIC VALUE	CONTROL
INPUT SIGNAL	CONTROL
OUTPUT SIGNAL	CONTROL

TEMPERATURE CONTROLLER

Label :

Definition A facility which operates automatically to affect a controlled temperature by comparing the value of the controlled temperature with the value of a reference temperature in order to reduce the difference between them.

Super Class :
CONTROLLER

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

TEMPERATURE DECREASE

Label :

Definition A facility for decreasing the temperature in a system.

Super Class :
TEMPERATURE

Sub Class :
EXPANSION

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

ENERGY	TEMPERATURE
ENTHALPY	TEMPERATURE
HEAT TRANSFER COEFFICIENT	TEMPERATURE
OPERATIONAL RATED DUTY	TEMPERATURE
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM
TEMPERATURE DROP	TEMPERATURE DECREASE

TEMPERATURE EMBRITTLEMENT

Label :

Definition Type of brittle degradation of a material

Super Class :

EMBRITTLLEMENT DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TEMPERATURE INCREASE

Label :

Definition A facility for increasing the temperature in a system.

Super Class :

TEMPERATURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

ENERGY

ENTHALPY

HEAT TRANSFER COEFFICIENT

OPERATIONAL RATED DUTY

PRESSURE

TEMPERATURE

TEMPERATURE RAISE

TEMPERATURE

TEMPERATURE

TEMPERATURE

TEMPERATURE

FLUID TRANSFORM

FLUID TRANSFORM

TEMPERATURE INCREASE

TEMPERATURE INDICATOR

Label :

Definition A facility that gives a visual indication of temperature.

Super Class :

INDICATOR

Sub Class :

<none>

Normally Part Of :

SEPARATION AND STABILISATION

Normal Part :

<none>

Normal Connection :

TRANSPORT PIPEWAYS

TEMPERATURE INDICATOR

Normal Characteristic :

RANGE

INDICATOR

SCALE

INDICATOR

TEMPERATURE MEASURE

Label :

Definition A facility for measuring the temperature.

Super Class :

DYNAMIC MEASURE

STATIC MEASURE

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

CALIBRATED RANGE

FLUID MEASURE

COUNT RATE

FLUID MEASURE

FLOW RATE MASS BASIS

FLUID MEASURE

FLOW RATE VOLUME BASIS

FLUID MEASURE

MEASURE

FLUID MEASURE

TENSION LEG PLATFORM STRUCTURE

Label :

Definition A facility which is a seabed anchored buoyant/compliant substructure which provides support for topside installations. (TLP)

Super Class :
FLOATING STRUCTURE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

THERMAL CRACKING

Label :

Definition Function including breaking down the larger, heavier and more complex HC molecules into simpler, lighter and more valuable components. Cracking is accomplished by the application of heat and pressure.

Super Class :
CRACKER

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :

FLOW RATE	FLUID SEPARATION
MAXIMUM FLOW	MOLECULAR DEMOLITION
PRESSURE	FLUID TRANSFORM
TEMPERATURE	FLUID TRANSFORM

THERMAL FATIGUE

Label :

Definition Type of mechanical degradation of a material

Super Class :

MECHANICAL DEGRADATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

THIRD DECK

Label :

Definition The deck below the second deck

Super Class :

DECK

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TOP STIFFENER

Label :

Definition Construction item intended to increase stiffness in a construction with top plates.

Super Class :

STRUCTURAL COMPONENT FACILITY

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TOPSIDE AREA

Label :

Definition A facility describing types of areas expected to be found on an installation.

Super Class :

INSTALLATION FACILITY

Sub Class :

LIVING QUARTER AREA

UTILITY AREA

INJECTION AREA

PROCESS AREA

DRILLING AREA

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TOPSIDE DECK STRUCTURE

Label :

Definition A facility to support topside modules and equipment.

Super Class :

TOPSIDE SUPPORT STRUCTURE

Sub Class :

OPEN TRUSS DECK STRUCTURE

PLATED GIRDER DECK STRUCTURE

CONCRETE BEAM DECK STRUCTURE

LOAD TRANSFER FRAME

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TOPSIDE SUPPORT STRUCTURE

Label :

Definition A facility having the function of supporting the plant (Topside) to keep it in a fixed position.

Super Class :

STRUCTURAL FACILITY

Sub Class :

TOPSIDE DECK STRUCTURE

MODULE STRUCTURE

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TOPSIDE ZONE

Label :

Definition Facility for handling types of zones topside on an installation.

Super Class :

INSTALLATION FACILITY

Sub Class :

AREA CLASSIFICATION

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TRANSMITTER

Label :

Definition A facility representing a measuring unit of which the output is a standardized signal

Super Class :

CONTROL ELEMENTS

Sub Class :

<none>	
Normally Part Of :	
CONTROL	
FLOW CONTROL	
LEVEL CONTROL	
MODULATING CONTROL	
MONITORING	
ON OFF CONTROL	
PRESSURE CONTROL	
TEMPERATURE CONTROL	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
ACCURACY	TRANSMITTER
OUTPUT SIGNAL	TRANSMITTER
RANGE	TRANSMITTER

TRANSPORT DECREASE

Label :

Definition A facility to decrease mass flow of substance.

Super Class :	
CLOSED TRANSPORT	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
VOLUME FLOW CAPACITY	FLUID TRANSPORT

TRANSPORT INCREASE

Label :

Definition A facility to increase mass flow of substance.

Super Class :	
CLOSED TRANSPORT	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	

Normal Connection :

<none>

Normal Characteristic :

VOLUME FLOW CAPACITY

FLUID TRANSPORT

TRANSPORT PIPEWAYS

Label :

Definition Includes services for transportation of liquids and gases through pipelines. Facility for the normal way of transporting gases and liquids from the process to the storage area.

Super Class :

TRANSPORTATION AND PACKING

Sub Class :

PIPEWAYS PRODUCT

PIPEWAYS FLARE SYSTEM

PIPEWAYS NON PRODUCT

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

FLARE VENT AND BLOWDOWN FACILITY

FLUID PORT

HIGH PRESSURE FLARING FACILITY

TRANSPORT PIPEWAYS

TRANSPORT PIPEWAYS

TRANSPORT PIPEWAYS

Normal Characteristic :

DESIGN PRESSURE

DESIGN TEMPERATURE

FLOW RATE

TRANSPORT PIPEWAYS

TRANSPORT PIPEWAYS

TRANSPORT PIPEWAYS

TRANSPORTATION AND PACKING

Label :

Definition A facility describing systems which comprises all installations that serve the transportation of stock or products from/to process area to from/to storage area inside plant limits as well as all product packing systems prior to dispatch.

Super Class :

SYSTEM FACILITY

Sub Class :

TRANSPORT PIPEWAYS

CONVEYOR BELT SYSTEM

BLENDING SYSTEM

CHEMICAL AND CATALYST HANDLING

BULK PACKING SYSTEM

LIQUID PACKING SYSTEM

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

TRUNION

Label :

Definition A facility used to fasten lifting equipment in particular a sling to a structure or equipment for lifting moving purposes.

Super Class :
LIFTING ATTACHMENT

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

TRUSS

Label :

Definition A framework acting as a beam.

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

UNDERGROUND STORAGE

Label :

Definition Facility including caverns and associated header and piping systems.

Super Class :

	GAS PRESSURISED STORAGE	
	LIQUID ATMOSPHERIC STORAGE	
Sub Class :		
	<none>	
Normally Part Of :		
	<none>	
Normal Part :		
	PRESSURIZED CONTAINMENT	PRODUCT STORAGE
	TANK STORAGE	PRODUCT STORAGE
	LIQUID PRESSURE INCREASE	PRODUCT STORAGE
	CLOSED TRANSPORT	PRODUCT STORAGE
	OBSTRUCTION BY SOLID	PRODUCT STORAGE
	PRESSURIZED CONTAINMENT	GAS PRESSURISED STORAGE
	TANK STORAGE	GAS PRESSURISED STORAGE
	PRESSURIZED CONTAINMENT	LIQUID ATMOSPHERIC STORAGE
	CONTAINER STORAGE	LIQUID ATMOSPHERIC STORAGE
	TANK STORAGE	LIQUID ATMOSPHERIC STORAGE
Normal Connection :		
	<none>	
Normal Characteristic :		
	VOLUME	UNDERGROUND STORAGE

UNIT OPERATION

Label :

Definition A facility which gives the capability to change the state, or to transport, store or transform process fluids (materials). Often forms a component part of a system facility.

Super Class :	
	FACILITY CLASS
Sub Class :	
	FLUID OPERATION
	ELECTRICAL OPERATION
	POWER OPERATION
	STRUCTURAL FACILITY
	STRUCTURAL COMPONENT FACILITY
Normally Part Of :	
	<none>
Normal Part :	
	<none>
Normal Connection :	
	<none>
Normal Characteristic :	
	<none>

UPENDING PLATFORM

Label :

Definition Platform installed to position and operate the upending balsting system on a floating structure

Super Class :

Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

UPPER CHORD

Label :

Definition The upper horisontal series of truss members acting as a top horisontal support of vertical members and trusses.
Also called: Top Chord
The parallel lower truss members ref Lower chord.

Super Class :
GIRDER
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

UPPER DECK

Label :

Definition The top deck, below weather deck

Super Class :
DECK
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

UPPER YOKE PLATE

Label :

Definition A facility joining and carrying piles.
The upper yoke plate in a pile cluster

Super Class :
STRUCTURAL COMPONENT FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

UTILITY AREA

Label :

Definition A facility including all system functions necessary for production facilities to be fully operative, though do not form part of actual production.

Super Class :
TOPSIDE AREA

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

UTILITY GAS SYSTEM

Label :

Definition A facility which produces the necessary compressed gas for instrument or other plant operations.

Super Class :
SYSTEM FACILITY

Sub Class :
INSTRUMENT AIR

PLANT AIR	
INERT GAS	
Normally Part Of :	
<none>	
Normal Part :	
PRESSURIZED CONTAINMENT	UTILITY GAS SYSTEM
STATIC PRESSURE INCREASE	UTILITY GAS SYSTEM
GRAVITY SEPARATION	UTILITY GAS SYSTEM
CLOSED TRANSPORT	UTILITY GAS SYSTEM
OBSTRUCTION BY SOLID	UTILITY GAS SYSTEM
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	UTILITY GAS SYSTEM
PRESSURE	UTILITY GAS SYSTEM

VENT LINES FACILITY

Label :

Definition Facility for transport of vented gas from vessel to the vent stack.

Super Class :	
ATMOSPHERIC VENTING	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
CLOSED TRANSPORT	FLARE VENT AND BLOWDOWN
OBSTRUCTION BY SOLID	FLARE VENT AND BLOWDOWN
Normal Connection :	
<none>	
Normal Characteristic :	
FLOW RATE	FLARE VENT AND BLOWDOWN
PRESSURE	FLARE VENT AND BLOWDOWN
TEMPERATURE	FLARE VENT AND BLOWDOWN

VOLTAGE DECREASE

Label :

Definition A facility to decrease the level of voltage.

Super Class :	
VOLTAGE TRANSFORM	
Sub Class :	
<none>	
Normally Part Of :	
<none>	
Normal Part :	
<none>	

Normal Connection :
<none>

Normal Characteristic :	
AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

VOLTAGE INCREASE

Label :

Definition A facility to increase the level of voltage.

Super Class :
VOLTAGE TRANSFORM

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

VOLTAGE TRANSFORM

Label :

Definition A facility to bring the level of voltage up or down.

Super Class :
ELECTRICAL TRANSFORM

Sub Class :
VOLTAGE INCREASE
VOLTAGE DECREASE

Normally Part Of :

<none>	
Normal Part :	
<none>	
Normal Connection :	
<none>	
Normal Characteristic :	
AMPLITUDE	ELECTRICAL OPERATION
ELECTRIC CAPACITY	ELECTRICAL OPERATION
ELECTRIC CHARGE	ELECTRICAL OPERATION
ELECTRIC CURRENT	ELECTRICAL OPERATION
ELECTRIC FLUX	ELECTRICAL OPERATION
ELECTRIC POLARIZATION	ELECTRICAL OPERATION
ELECTRIC POTENTIAL	ELECTRICAL OPERATION
ELECTRICAL RESISTANCE	ELECTRICAL OPERATION
FREQUENCY	ELECTRICAL OPERATION

VOLUME MEASURE

Label :

Definition A facility to measure the volume or volume flow of any fluid pr time unit at any phase.

Super Class :
DYNAMIC MEASURE
STATIC MEASURE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :	
CALIBRATED RANGE	FLUID MEASURE
COUNT RATE	FLUID MEASURE
FLOW RATE MASS BASIS	FLUID MEASURE
FLOW RATE VOLUME BASIS	FLUID MEASURE
MEASURE	FLUID MEASURE

VOLUMETRIC FLOW METERING

Label :

Definition A facility to measure actual flow, temp, pressure and density of a gas or liquid.

Super Class :
FISCAL PRODUCT METERING

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :	
LIQUID PRESSURE INCREASE	FISCAL PRODUCT METERING
CLOSED TRANSPORT	FISCAL PRODUCT METERING
OBSTRUCTION BY SOLID	FISCAL PRODUCT METERING
DYNAMIC MEASURE	FISCAL PRODUCT METERING
DYNAMIC MEASURE	VOLUMETRIC FLOW METERING
Normal Connection :	
<none>	
Normal Characteristic :	
DENSITY AT T AND P	FISCAL PRODUCT METERING
DENSITY GAS	FISCAL PRODUCT METERING
DENSITY LIQUID	FISCAL PRODUCT METERING
DIFFERENTIAL PRESSURE	FISCAL PRODUCT METERING
DYNAMIC VISCOSITY	FISCAL PRODUCT METERING
FLOW RATE	VOLUMETRIC FLOW METERING
FLOW RATE MASS BASIS	FISCAL PRODUCT METERING
FLOW RATE MOLE BASIS	FISCAL PRODUCT METERING
FLOW RATE VOLUME BASIS	FISCAL PRODUCT METERING
HYDROSTATIC TEST PRESSURE	FISCAL PRODUCT METERING
KINEMATIC VISCOSITY	FISCAL PRODUCT METERING
MASS	FISCAL PRODUCT METERING
MOLECULAR WEIGHT	FISCAL PRODUCT METERING
PRESSURE	FISCAL PRODUCT METERING
TEMPERATURE	FISCAL PRODUCT METERING
VELOCITY	FISCAL PRODUCT METERING
VOLUME	FISCAL PRODUCT METERING

WALKWAY

Label :

Definition A facility dedicated for walking, transportation of equipment, escaping etc.

Super Class :
ARCHITECTURE STRUCTURAL FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

WALL

Label :

Definition A facility to insulate, protect, secure or to divide space.

Super Class :
ARCHITECTURE STRUCTURAL FACILITY

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :
<none>

Normal Connection :
<none>

Normal Characteristic :
<none>

WAREHOUSE OR SHELTERED STORAGE

Label :

Definition A facility including systems which house all facilities weather of mobile or resident nature. Can be regarded as a n integrated part of warehouse storage installation.

Super Class :
SOLIDS STORAGE

Sub Class :
<none>

Normally Part Of :
<none>

Normal Part :

PRESSURIZED CONTAINMENT	PRODUCT STORAGE
TANK STORAGE	PRODUCT STORAGE
LIQUID PRESSURE INCREASE	PRODUCT STORAGE
CLOSED TRANSPORT	PRODUCT STORAGE
OBSTRUCTION BY SOLID	PRODUCT STORAGE
CONTAINER STORAGE	SOLIDS STORAGE
TANK STORAGE	SOLIDS STORAGE

Normal Connection :
<none>

Normal Characteristic :
<none>

WASTE DISPOSAL SYSTEM

Label :

Definition Facility for disposing of unwanted materials. The system serves environmental requirements.

Super Class :
SYSTEM FACILITY

Sub Class :
OILY WATER TREATMENT
SEWAGE SYSTEM
BALLAST WATER SYSTEM
DRAIN SYSTEM

Normally Part Of :

<none>

Normal Part :

TANK STORAGE

LIQUID PRESSURE INCREASE

GRAVITY SEPARATION

CLOSED TRANSPORT

OBSTRUCTION BY SOLID

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

WASTE DISPOSAL SYSTEM

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

WASTE DISPOSAL SYSTEM

WATER INJECTION

Label :

Definition A facility for pumping treated water into the ground for disposal reasons and/or to increase the pressure in the oil/gas reservoir.

Super Class :

INJECTION SYSTEM

Sub Class :

<none>

Normally Part Of :

SEA WATER HIGH PRESSURE FACILITY

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

WATER SYSTEM

Label :

Definition A facility which includes all water supply installations except from cooling or fire water.

Super Class :

SYSTEM FACILITY

Sub Class :

FRESHWATER SUPPLY

DEMINERALIZED WATER SYSTEM

POTABLE WATER SYSTEM

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

FLOW RATE

WATER SYSTEM

WEATHER DECK

Label :

Definition Uppermost continuous deck with no overhead protection.

Super Class :
DECK
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

WEIGHT METERING

Label :

Definition A facility which measure the weight of a substance. Bulk material products (solids) are measured by weight in general.

Super Class :
FISCAL PRODUCT METERING
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
LIQUID PRESSURE INCREASE FISCAL PRODUCT METERING
CLOSED TRANSPORT FISCAL PRODUCT METERING
OBSTRUCTION BY SOLID FISCAL PRODUCT METERING
DYNAMIC MEASURE FISCAL PRODUCT METERING
STATIC MEASURE WEIGHT METERING
Normal Connection :
<none>
Normal Characteristic :
DENSITY AT T AND P FISCAL PRODUCT METERING
DENSITY GAS FISCAL PRODUCT METERING
DENSITY LIQUID FISCAL PRODUCT METERING
DIFFERENTIAL PRESSURE FISCAL PRODUCT METERING
DYNAMIC VISCOSITY FISCAL PRODUCT METERING
FLOW RATE MASS BASIS FISCAL PRODUCT METERING
FLOW RATE MOLE BASIS FISCAL PRODUCT METERING
FLOW RATE VOLUME BASIS FISCAL PRODUCT METERING
HYDROSTATIC TEST PRESSURE FISCAL PRODUCT METERING
KINEMATIC VISCOSITY FISCAL PRODUCT METERING
MASS FISCAL PRODUCT METERING

MOLECULAR WEIGHT
PRESSURE
TEMPERATURE
VELOCITY
VOLUME
WEIGHT

FISCAL PRODUCT METERING
FISCAL PRODUCT METERING
FISCAL PRODUCT METERING
FISCAL PRODUCT METERING
FISCAL PRODUCT METERING
FISCAL PRODUCT METERING

WINDOW

Label :

Definition An opening in a wall for air and light.

Super Class :
ARCHITECTURE STRUCTURAL FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

YOKE PLATE

Label :

Definition A facility joining and carrying piles.

Super Class :
STRUCTURAL COMPONENT FACILITY
Sub Class :
<none>
Normally Part Of :
<none>
Normal Part :
<none>
Normal Connection :
<none>
Normal Characteristic :
<none>

ZONE 0 (GASES)

Label :

Definition Continious hazard.
More than 1000 hours/annum
An area in which an explosive mixture of flammable gases or vapours with air is continuously present or present for long periods of time.A zone in which an explosive gas-air mixture is continuously present, or present for long periods.

Super Class :

IEC HAZARDOUS AREA CLASSIFICATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

ZONE 1 (GASES)

Label :

Definition Intermittent hazard.
Between 10 and 1000 hours/annum
An area in which an explosive mixture of flammable gases or vapours with air is likely to occur during normal operation.

Super Class :

IEC HAZARDOUS AREA CLASSIFICATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

ZONE 2 (GASES)

Label :

Definition Hazard under abnormal conditions
Between 0.1 and 10 hours/annum.
An area in which an explosive mixture of flammable gases or vapours with air is not likely to occur and if it occurs it will only exist for a short period of time.

Super Class :

IEC HAZARDOUS AREA CLASSIFICATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

ZONE Y (11) (DUSTS)

Label :

Definition

Hazard under abnormal conditions

Between 0.1 and 10 hours/annum.

An area in which an explosive mixture of flammable dusts with air is not likely to occur and if it occurs it will only exist for a short period of time.

Super Class :

IEC HAZARDOUS AREA CLASSIFICATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>

ZONE Z (10) (DUSTS)

Label :

Definition

An area in which an explosive mixture of flammable dusts with air is continuously present or present for long periods of time

Super Class :

IEC HAZARDOUS AREA CLASSIFICATION

Sub Class :

<none>

Normally Part Of :

<none>

Normal Part :

<none>

Normal Connection :

<none>

Normal Characteristic :

<none>